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THE FAUNA OF BRITISH INDIA,

INCLUDING

CEYLON AND BURMA.

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EDITED BY E. C. STUART BAKER, O.B.E., F.Z.S., Etc.

BIRDS.—VOL. VIII.

(SECOND EDITION.)

BY

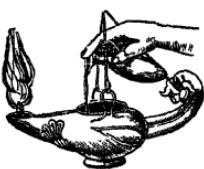
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INTRODUCTION.

WITH the present part-volume of Birds in the ‘Fauna of British India’ Series the work of the author comes to a close. Vol. VIII. contains the final portion of the Synonymy—*i. e.*, that for Vol. VI.—and the whole of the Corrigenda and Addenda. In regard to the Synonymy, there is nothing to add to what has already been written in the Introduction to Vol. VII., to which the attention of the reader is again invited. The Corrigenda and Addenda, as has already been admitted, are very extensive, taking up no less than 111 pages of the volume; even so, however, there can be no doubt that many alterations and perhaps some additions will yet be necessary. In the Corrigenda attention has been drawn to the differences between the printed dates of various publications and the dates on which these actually appeared. For instance, the earlier numbers of the ‘Transactions’ of the Linnean Society often appeared some months later than the printed date would imply. Those for 1820, so shown on the title-page, did not as a matter of fact appear until May 1821. The same may be said of the ‘Proceedings’ of the Zoological Society of London, those of October 1854 being brought out in February 1855, those of 1830 in January 1831, those of 1831 in March 1832. In many instances the printed dates have been hitherto accepted as correct, and priority given to names published therein which had already appeared in earlier publications, whilst in other instances these names were antedated by different names previously given by other authors. The alterations

in the dates have only been referred to once in the Corrigenda, unless affecting the names or authors of names of two or more birds, when the reasons are given in each case.

A considerable number of names, both specific and generic, have had to be changed because earlier names have been discovered which had either been overlooked or had been rejected for insufficient or incorrect reasons. An almost equal number of names has had to be altered owing to these being invalidated by previous use ; in such instances the next name available has been employed or a new one given.

In all doubtful cases the author has accepted the name in use rather than an alternative one, although the evidence might be slightly stronger in support of the latter than of the former.

In now bidding farewell to my readers, I would once more impress on them the fact that so much work still remains to be carried out by the Field Naturalist. This, however, I have dealt with at such great length in Vol. VII. that it is needless to add more here. The two main objects hoped for by the author of the volumes of the 'Avifauna of British India' will have been attained if they afford a stimulus to further work by those who love birds in their natural surroundings, and at the same time form a basis for further research work by systematists and others in Museums.

Upper Norwood,
1st Sept., 1930.

E. C. STUART BAKER.

Suborder GRUES.

Family GRUIDÆ.

Genus GRUS.

Grus Pallas, Spicil. Zool., vol. iv, p. i, 1767.

Type by taut., *Ardea grus* Linn.

Megalornis Gray, List Gen. Birds, 2nd ed., p. 85, 1841.

Type by orig. desig., *Ardea grus* Linn.

Leucogeranus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xl, p. 720, Apl. 9, 1855.

Type by taut., *Grus leucogeranus* Pallas.

Sarcogeranus Sharpe, Bull. B. O. C., vol. i, p. 37, 1893.

Type by orig. desig., *G. leucogeranus* Pallas.

Limnogeranus id., ibid.

Type by orig. desig., *Ardea americanus* Linn.

Pseudogeranus id., ibid.

Type by orig. desig. and by mon., *G. lecauchen* Temm.

Mathewsia Iredale, Bull. B. O. C., vol. xxvii, p. 47, 1911.

Type by orig. desig., *G. rubicunda* Perry.

Not *Mathewsia* Saulcy, 1868.

Mathewseña Iredale, Austral Av. Rec., vol. ii, p. 82, 1914; new name for *Mathewsia* Iredale.

Grus grus Linn.

(*Ardea grus* Linn., Syst. Nat., 10th ed., vol. i, p. 153, Jan. 1758: Sweden, Europe.)

Grus grus lilfordi Sharpe.

Grus lilfordi Sharpe, Cat. Birds Brit. Mus., vol. xxiii, p. 252, 1894: East Siberia.

Grus monachus Temm. & Laug.

Grus monachus Temm. & Laug., Planch. Color. d'Ois., livr. 92, pl. 555, 1835: Jesso.

Grus nigricollis Przewalski.

Grus nigricollis Przewalski, Mongol. i Strana Tangut., vol. ii, p. 135, 1876: Rowley, Orn. Misc., vol. ii, pl. ix, 1877: Koko-Nur.

Grus leucogeranus Pallas.

Grus leucogeranus Pallas, Reise Russ. Reichs, vol. ii, p. 714, 1773 : Irtim and Ob Rivers.

Ardea gigantea S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 189, pl. 21, 1774 : Astrakan.

Genus ANTIGONE.

Antigone Reichenbach, Nat. Syst. Vögel, p. 23, 1852.

Type by orig. desig. and taut., *Grus torquata* Vieillot = *Ardea antigone* Linn.

Antigone antigone Linn.**Antigone antigone antigone** Linn.

Ardea antigone Linn., Syst. Nat., 10th ed., vol. i, p. 142, Jan. 1758 : Further India, Asia.

Grus collaris Boddaert, Tabl. Planch. Enlum., p. 52, 1783 : India. *Grus torquata* Vieillot, Nouv. Dict. d'hist. Nat., nouv. ed., vol. xiii, p. 560, 1877 : India.

Grus orientalis Franklin, P. Z. S., 1830-31, p. 123, 1831 ; new name for *A. antigone* Linn.

Antigone antigone sharpii Blanford.

Grus (Antigone) sharpii Blanford, Bull. B. O. C., vol. v, p. 7, 1895 : Burma.

Genus ANTHROPOIDES.

Anthropoides Vieillot, An. nouv. Orn., p. 59, 1816.

Type by mon., *A. virgo* Linn.

Tetrapteryx Thunberg, K. Vet.-Akad. Förh. Stockh., 1818, p. 242, Type by mon., *A. paradisea* Linn.

Philorchemon Gloger, Hand- u. Hilsfb., p. 439, 1841.

Type by mon., *A. virgo* Linn.

Scops Gray, List Gen. Birds, 2nd ed., p. 86, 1844 (ex Moehring).

Type by orig. desig., *Ardea virgo* Linn.

Not *Scops* Brunnich, 1772.

Geranus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xxxviii, p. 661, 1854.

Type by mon., *A. paradisea* Linn.

Bibia Gray, Cat. Gen. Subgen. Birds, p. 113, 1855, ex Leach MS., as synonym.

Anthropoides virgo Linn.

Ardea virgo Linn., Syst. Nat., 10th ed., vol. i, p. 141, Jan. 1758 :

"In Oriente."

Grus ornata Brehm, Vogelfang, p. 291, 1855 : no locality.

Suborder OTIDES.**Family OTIDIDÆ.****Genus OTIS.**

Otis Linn., Syst. Nat., 10th ed., vol. i, p. 154, Jan. 1758.

Type by sub. desig., Gray, 1840, *Otis tarda* Linn.

Otis tarda Linn.

(*Otis tarda* Linn., Syst. Nat., 10th ed., vol. i, p. 154, Jan. 1758 : Poland, Europe.)

Otis tarda dybowskii Taczanowski.

Otis dybowskii Taczanowski, Jour. für Orn., 1874, p. 331 : Daurica.

Otis korejewi Zarudny, Orn. Monatsb., 1905, p. 163 : Turkestan.

Genus TETRAX

Tetraax Forster, Synops. Cat. Brit. Birds, p. 20, 1817.

Type by taut., *Otis tetraax* Linn.

Tetraax tetraax Linn.

(*Otis tetraax* Linn., Syst. Nat., 10th ed., vol. i, p. 154, Jan. 1758 : France.)

Tetraax tetraax orientalis Hartert.

Otis tetraax orientalis Hartert, Nov. Zool., p. 339, pl. ii, 1916, ex

A. E. Brehm, Verz. Samml., p. 11, 1816, *nom. nud.*

Otis tetraax media id., ibid. : Sarepta.

Genus CHORIOTIS.

Choriotis Gray, Cat. Gen. Subgen. Birds, p. 109, 1855, ex Bonaparte, Ann. Sci. Nat. Paris, ser. 4, vol. i, p. 148, 1854, *nom. nud.*

Type by orig. desig., *Otis arabs* Linn.

Choriotis nigriceps Vigors.

Otis nigriceps Vigors, P. Z. S., 1830-31, p. 35, Mch. 2, 1831 : Himalayas (Gould, Century of Birds).

Otis edwardsii Grav, Illustr. Ind. Zool., vol. i, pl. 59, Dec. 2, 1831 : no locality.

Genus CHLAMYDOTIS.

Chlamydotis Lesson, Rev. Zool., Feb.-Mch. 1839, p. 47.

Type by mon., *Otis houbara* Gmelin.

Houbara Gray, List Gen. Birds, 2nd ed., p. 83, 1841, ex Bonaparte, Giorn. Accad. Rome, 1831, p. 207, 1832, *nom. nud.*

Type by taut., *Otis houbara* Gmelin.

Lophorhynchus Gloger, Gemeinl. Naturg. (2), p. 42, 1842.

Chlamydotis undulata Jacquin.

(*Psophia undulata* Jacquin, Beitrage Gesch. Vögel, p. 24, pl. 9, 1784: Tripoli.)

Chlamydotis undulata macqueenii Gray.

Otis macqueenii Grav in Hardwicke's Illustr. Ind. Zool., vol. ii, pl. 47, pt. xii, Oct. 1832 : Himalayas.

Otis marmorata id., ibid., pl. 60, pt. viii, Oct. 19, 1831 : India.

Genus SYPHEOTIDES.

Sypheotides Lesson, Rev. Zool., Feb.-Mch. 1839, p. 47.

Type by mon., *Otis aurita* Latham = *Otis indica* Miller.

Oticulus Hodg., J. A. S. B., vol. xvi, p. 889, 1846-47; alternative name for *Sypheotides*.

Comatoitis Reichenbach, Syn. Av., vol. iii, p. 4, Feb. 1848.

Type by orig. desig., *Otis indica* Miller.

Sypheotis Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlivi, 1856, ex Lesson.

Type by mon., *Otis bengalensis* Gmelin.

Syphoetides indica Miller.

Otis indica Miller, Icones Anim., p. 6, pl. 33, 1782 : India Orientali.
Otis aurita Latham, Index Orn., vol. ii, p. 660, 1790 : same basis.
Otis fulva Sykes, P. Z. S. Nov. 1832, p. 155 : Dukhun.
Otis gularis Lesson, Traité d'Orn., p. 528, 1831 : Pondichery.
Otis atriceps Griff. & Pidg. in Cuvier's Anim. Kingd., Birds, vol. iii, p. 304, 1829, ex Gray MS. : India.

Genus HOUBAROPSIS.

Houbaropsis Sharpe, Bull. B. O. C., vol. i, p. i, June 1893.
 Type by orig. desig., *Otis bengalensis* Gmelin.

Houbaropsis bengalensis Gmelin.

Otis bengalensis Gmelin, Syst. Nat., vol. i, pt. ii, p. 724, 1789 :
 Bengal.
Otis himalayanus Vigors, P. Z. S., 1830-31, p. 23, Feb. 1, 1831 :
 Himalayas.
Otis deliciosa Gray in Hardwicke's Illustr. Ind. Zool., vol. i, pl. 61,
 Dec. 2, 1831 : India.

Order CHARADRIIFORMES.

Suborder OTI-LIMICOLÆ.

Family BURHINIDÆ.

Genus BURHINUS.

Burhinus Illiger, Prodr. Mamm. et Av., p. 250, 1811.
 Type by mon., *Charadrius magnirostris* Latham.
Ædicnemus Temm., Man. d'Orn. 1st ed., p. 321, 1815.
 Type by mon., *O. crepitans* = *Otis ædicnemus* Linn.
Fedoa Forster, Synop. Cat. Brit. Birds, p. 20, 1817.
 Type by mon., *Otis ædicnemus* Linn.
Planorhamphus Billberg, Synops. Faun. Scand., vol. i (2), Av., tab. A ; new name for *Burhinus* Illiger.

Burhinus œdicnemus Linn.

(*Charadrius œdicnemus* Linn., Syst. Nat., 10th ed., vol. i, p. 151,
Jan. 1758: England, Europe.)

Burhinus œdicnemus indicus Salvadori.

Œdicnemus indicus Salvadori, Atti Soc. Ital. Sc. Nat. vol. vii,
p. 381, 1866: India.

Burhinus œdicnemus astutus Hartert.

Burhinus œdicnemus astutus Hartert, Nov. Zool., vol. xxiii, p. 93,
1816: Fao, Persia.

Genus ESACUS.

Esacus Lesson, Traité d'Orn., p. 547, 1831.

Type by mon., *O. recurvirostris* Cuvier.

Carvánaca Hodgs., J. A. S. B., vol. v. p. 775, Dec. 1836.

Type by orig. desig., *C. grisea* Hodgs.

Pseudops id., ibid., vol. x, p. 27, June 1841; new name for
Carvánaca Hodgs.

Esacus recurvirostris Cuvier.

Œdicnemus recurvirostris Cuvier, Règne Anim., 2nd ed., vol. i,
p. 500, 1829: India.

Carvánaca grisea Hodgs., J. A. S. B., vol. v, p. 776, Dec. 1836:
Bengal.

Genus ORTHORHAMPHUS.

Orthorhamphus Salvadori, Ann. Mus. Civ. Genov., vol. v, p. 312,
1874.

Type by mon., *Œdicnemus magnirostris* Vieill.

Orthorhamphus magnirostris Vieill.

Orthorhamphus magnirostris magnirostris Vieill.

Œdicnemus magnirostris Vieillot, Nouv. Dict. d'Hist. Nat., nouv.
ed., vol. xxiii, p. 231, 1818: no loc.=Timor.

Œdicnemus crassirostris Lesson, Rev. Zool., 1839, p. 46; *in errore*.

Family GLAREOLIDÆ.

Subfamily CURSORIINÆ.

Genus CURSORIUS.

Cursorius Latham, Ind. Orn., vol. ii, p. 751, 1790.

Type by taut., *Charadrius cursor* Latham.

Tachydromus Illiger, Prodr. Mamm. et Av., p. 250, 1811; new name for *Cursorius* Latham.

Cursor Wagler, Syst. Av., *Cursor*, sp. 6, p. 80, 1827; new name for *Cursorius* Latham.

Cursorius cursor cursor Latham.

Charadrius cursor Latham, Gen. Synops. Birds, Suppl., vol. i, p. 293, 1787: Kent, England.

Charadius gallicus Gmelin, Syst. Nat., vol. i, p. 692, 1789: Gallia.

Cursorius europaeus Latham, Index Orn., vol. ii, p. 751, 1790; new name for preceding.

Charadrius corrira Bonnaterre, Tabl. Eucl. Méth., vol. i, p. 23, 1791: ibid.

Cursorius isabellinus Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 328, 1810.

Cursorius jamesoni Jerdon, Birds of India, App., 1877, p. 875: Punjab.

Cursorius pallidus and *Cursorius brachydactylus* Brehm, Vogelfang, p. 279; quoted by Hartert, Vög. Paliark. Fauna, vol. ii, p. 1524, as synonyms.

Cursorius coromandelicus Gmelin.

Charadrius coromandelicus Gmelin, Syst. Nat., vol. i, pt. ii, p. 692, 1789: Coromandel Coast.

Cursorius asiaticus Latham, Index Orn., vol. ii, p. 751, 1790; new name for preceding.

Cursor frenatus Wagler, Syst. Av., *Cursor*, sp. 2, 1827; new name for preceding.

Tachydromus orientalis Swainson, Anim. in Menag., p. 339, 1838: India.

Cursorius tarayensis Gray, Cat. Birds Nepal, p. 131, 1846, ex Hodgs., Zool. Misc., pp. 85-86, 1844. *nom. nud.*, as synonym.

Genus RHINOPTILUS.

Rhinoptilus Strickland, P. Z. S., 1850, p. 220, Jan. 24, 1852.

Type by sub. desig., Sharpe, Cat. Birds Brit. Mus., vol. xxiv, p. 43, 1896, *Cursorius bicinctus* Temm.

Macrotarsus Blyth, J. A. S. B., vol. ii (1), p. 254, 1848.

Type by mon., *M. bitorquatus* Blyth.

Not *Macrotarsus* Lacépède, 1799-1802.

Hemerodromus Heuglin, Ibis, 1863, p. 31.

Type by mon., *Rhinoptilus bitorquatus* Blyth.

Rhinoptilus bitorquatus Blyth.

Macrotarsus bitorquatus Blyth, J. A. S. B., vol. xvii (1), p. 254, 1848, ex Jerdon MS.: Eastern Ghats.

Genus GLAREOLA.

Glareola Brisson, Orn., vol. i, p. 48, 1760.

Type by taut., *Gareola glareola* Brisss. = *Hirundo pratincola* Linn.

Trachelia Scopoli, Annus I. Hist. Nat., p. 110, 1769.

Type by mon., *Hirundo practincola* Linn.

Pratincola Forster, Faun. Indica, p. 11, 1795.

Type by mon., *Glareola maldivaram* Forster.

Pratincola Pennant, Brit. Zool., 8vo ed., vol. ii, p. 759, 1766.

Dromochelidon Landbeck, Isis, 1842, col. 199.

Type by mon., *D. natrophila* Landb. = *G. pratincola* Linn.

Galachrysa Gray, Cat. Gen. Subgen. Birds, p. 111, 1855, ex Bonaparte, Ann. Sci. Nat. Paris, ser. 4, vol. i, p. 148, 1854, nom. nud.

Type by orig. desig., *Glareola lactea* Temm.

Glareola pratincola Linn.

Glareola pratincola pratincola Linn.

Hirundo pratincola Linn., Syst. Nat., 12th ed., vol. i, p. 345, 1766, Austria, Europe.

Glareola austriaca Gmelin, Syst. Nat., vol. i, pt. ii, p. 695, 1789; new name only.

Pratincola glareola Schrank, Fauna Boica, vol. i, p. 209, 1798; new name only.

Glareola torquata Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 404, 1810; new name only.

Dromochelidon natrophila Landbeck, Isis, 1842, col. 199; new name only.

Glareola maldivarum Forster.

Glareola (Pratincola) maldivarum Forster, Faun. Indica, p. 11, 1795 : Maldive Islands.

Glareola (Pratincola) coromanda id., ibid., p. 11, 1795 : Coromandel coast.

Glareola (Pratincola) madraspatana id., ibid.: Madras.

Glareola orientalis Leach, Trans. Linn. Soc., vol. xiii, pt. 1, p. 132, May 1821 : Java.

Glareola thermophila vel *longipes* Gray, Cat. Birds Nepal, p. 131, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonyms.

Glareola pratincola parryi Mathews, Austral Av. Rec., vol. iii, p. 70, 1917: N.W. Australia.

Glareola lactea Temm.

Glareola lactea Temm., Man. d'Orn., 2nd ed., vol. ii, p. 503, 1820 : Bengal.

Glareola gangetica Gray, Cat. Birds Nepal, p. 131, 1846, ex Hodgs., Zool. Misc., p. 85, 1844, *nom. nud.*, as synonym.

Glareola nipalensis vel *cinerascens* id., ibid.

Suborder LARO-LIMICOLÆ.

Family DROMADIDÆ.

Genus DROMAS.

Dromas Paykull, K. Vet.-Ak. Nya Handl., vol. xxvi (3), p. 182, 1805.

Type by mon., *D. ardeola* Paykull.
Erodia Stanley in Salt's Voy. Abyss., App., vol. iv, p. 51, 1814.

Dromas ardeola Paykull.

Dromas ardeola Paykull, K. Vet.-Ak. Nya Handl., vol. xxvi (3), p. 182, 1805 : India.

Erodia amphilensis Stanley in Salt's Voy. Abyss., App., iv. p. lxi, 1814: Bay of Amphila

Family STERCORARIIDÆ.

Genus STERCORARIUS.

Stercorarius Brisson, Orn., vol. i, p. 56, vol. vi, p. 149, 1760.

Type by taut., *Larus parasiticus* Linn.

Lestrís Illiger, Prodr. Mamm. et Av., p. 272, 1811.

Type by mon., *Larus parasiticus* Linn.

Prædatrix Vieillot, Analyse nouv. Orn., p. 65, Apl. 1816.

Type by mon., *Larus parasiticus* Linn.

Oceanus Koch, Syst. baier. Zool., p. 380, July 1816.

Type by mon., *Larus parasiticus* Linn.

Not *Oceanus* Montfort, 1810.

Labbus Gray, Cat. Gen. Subgen. Birds, p. 129, 1855, ex Rafinesque, in synonymy.

Labbe Chesnon, Essai l'Hist. Nat. Normandie, p. 354, 1835.

Type by orig. desig., *L. parasiticus* Linn.

Coprotheres Reichenbach, Nat. Syst. Vögel, p. 5, 1852–53.

Type by orig. desig., *L. pomarinus* Temm.

Atalolestris Mathews, Birds Austral., vol. ii, p. 500, 1913.

Type by orig. desig., *Stercorarius longicaudus* Vieill.

Stercorarius parasiticus Linn.

Stercorarius parasiticus parasiticus Linn.

Larus parasiticus Linn., Syst. Nat., 10th ed., vol. i, p. 136, Jan. 1758 : Sweden, Europe.

Catharacta cepphus Brünnich, Orn. Boreal., p. 36, 1764 : Norway.

Catharacta coprotheres id., ibid., p. 38 : Iceland.

Larus crepidatus Gmelin, Syst. Nat., vol. i, pt. ii, p. 602, 1789, ex Banks, Cook's Voy. (Hawkesworth), vol. ii, p. 15, 1773, nom. nud. : Altantic Ocean.

Lestrís boji Brehm, Lehrb. Nat. eur. Vög., vol. ii, p. 991, 1824 : Germany.

Lestrís schleepii id., ibid., p. 993 : Greenland.

Lestrís macropterus id., ibid., Handb. Vög. Deutschl., p. 721, 1831 : Iceland.

Lestrís richardsonii Swainson, Fauna, Boreal.-Amer. Birds, p. 433, pl. 73, 1831 : Barren Ground, N. America.

Lestrís thuliaca Preyer & Zirkel, Reise nach Island, p. 417, 1862 : Iceland.

Stercorarius tephras Malmgren, Jour. für Orn., p. 392, 1865 : Spitzbergen.

Stercorarius asiaticus Hume, Str. Fenth., vol. i, p. 269, 1873 : Mekran Coast.

Stercorarius pomarinus Temm.

Lestrис pomarinus Temm., Man. d'Orn. 1st ed., p. 514, 1815: Arctic Europe.

Lestrис sphæriuros Brehm, Handb. Vög. Deutschl., p. 718, 1831, ex Isis, 1830, col. 993, nom. nud.: Norway.

Lestrис striatus Eyton, Cat. Brit. Birds, p. 51, 1836; new name only.

Stercorarius parasita var. *camtschatica* Gray, Handl. Gen. Sp. Birds, pl. iii, p. 110, 1871, as synonym.

Coprotheres pomarinus nutcheri Mathews, Austral Av. Rec., vol. iii, p. 72, 1917: New South Wales.

Stercorarius antarcticus antarcticus Lesson.

Lestrис antarcticus Lesson, Traité d'Orn., p. 616, 1831: S. Antarctic.

Lestrис fuscus Ellman, Zoologist, 1861, p. 7472.

Stercorarius antarcticus maccormicki Saunders.

Stercorarius maccormicki Saunders, Bull. B. O. C., vol. iii, p. xii, Dec. 1893: Victoria Land.

Family LARIDÆ.

Genus LARUS.

Larus Linn., Syst. Nat., 10th ed., vol. i, p. 136, Jan. 1758.

Type by sub. desig., Selby, Cat. Gen. Subgen. Birds, p. 48, 1840, *Larus marinus* Linn.

Gavia Macgill, Man. Brit. Orn., pt. ii, p. 239, 1842; not *Gavia* Forster, 1788.

Caturates Forster, Pock. Encycl. Nat. Phenom., p. 419, 1827.

Type by orig. desig., *Larus marinus* Linn.

Leucus Kaup, Skizz. Ent. Nat. Syst., p. 86, 1829.

Type by orig. desig., *Larus marinus* Linn.

Ichthyaëtus id., ibid., p. 102, 1829.

Type by taut.. *Larus ichthyaëtus* Pallas.

Hydrocolœus id., ibid., p. 113, 1829.

Type by orig. desig., *Larus minutus* Pallas.

Laroides Brehm, Handb. Vög. Deutschl., p. 737, 1831, ex Isis, 1830, p. 993, nom. nud.

Type by orig. desig., *Larus argentatus* Pontoppidan.

Chroicocephalus Eyton, Cat. Brit. Birds, p. 53, Jan. 1836.

Type by orig. desig., *Larus ridibundus* Linn.

Plautus Reichenbach, Nat. Syst. Vög., p. 5, 1852-53.

Type by orig. desig., *Larus hyperboreus* Gunnerus.

Not *Plautus* Brünnich, 1772.

Blasipus Bruch, Jour. für Orn., 1853, p. 96.

Type by mon., *Larus modestus* Tschudi.

Dominicus id., ibid., p. 100.

Type by taut., *Larus dominicanus* Brach.

Glaucus id., ibid., p. 100.

Type by taut., *L. hyperboreus* Gunnerus.

Not *Glaucus* Forster, 1800.

Leucophæus id., ibid., p. 108, 1853.

Type by orig. desig., *Larus scoresbi* Traill.

Adelarus Bonaparte, Naumannia, 1854, p. 210.

Type by orig. desig., *Larus leucophthalmus* Lichtenstein.

Gelastes id., ibid., 1854, p. 212.

Type by taut., *L. gelastes*.

Gavina id., ibid., p. 211.

Type by sub. desig., Saunders, Cat. Birds Brit. Mus., vol. xxv, p. 169, 1896, *L. canus* Linn.

Procellarus and *Epitelarus* id., ibid., p. 211.

Type by orig. desig., *L. scoresbi* Traill.

Atricilla id., ibid., p. 212.

Type by taut., *Larus atricilla* Linn.

Cirrhocephalus id., ibid., p. 213.

Type by taut., *Larus cirrhocephalus* Vieill.

Melagavia id., ibid., p. 212.

Type by mon., *L. serranus* Tschied.

Olupeilarus id., Conspl. Gen. Av., vol. ii, p. 220, 1857.

Lumbruschinia Salvadori, Cat. Ucc. Sard., p. 128, 1864.

Type by orig. desig., *L. genei* Brène.

Melanolarus Heine & Reich., Nomen. Mus. Hein., p. 359, 1890 ; new name only.

Type by orig. desig., *L. franklinii* Sundev.

Einalia id., ibid. ; new name for *Larooides* Brehm.

Larus ichthyaëtus Pallas.

Larus ichthyaëtus Pallas, Reise Russ. Reichs, vol. ii, p. 713, 1773 : Caspian Sea.

Larus kroicocephalus J. A. S. B., vol. viii, p. 242, 1839 : India.

Ichthyaëtus pallasi Bouaparte, Comptes Kendus Acad. Sci. Paris, vol. xlvi, p. 771, 1856 ; new name only.

Larus ichthyaëtus minor Schleg., Mus. d. Pays-Bas, Lari, p. 34, 1863 : Bengal.

Larus innominatus Hume, Str. Feath., vol. viii, p. 394, 1879 ; new name for *L. i. minor* Schleg.

Larus ridibundus Linn.**Larus ridibundus ridibundus Linn.**

Larus ridibundus Linn., Syst. Nat., 12th ed., vol. i, p. 225, 1766 : England, Europe.

Larus erythropus Gmelin, Syst. Nat., vol. i, pt. ii, p. 597, 1789 : Kamtschatka and England.

Larus canescens Bechstein, Orn. Taschenb., vol. ii, p. 370, 1803 : North Sea.

Larus capistratus Temm., Man. d'Orn. 2nd ed., vol. ii, p. 785, 1820 : Orkney Isles.

Larus nævius Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 327, 1811-27 : Russia.

Xema pileatum Brehm, Handb. Vögel Deutschl., p. 761, 1831, ex Isis, 1830, col. 994, nom. nud. : Denmark.

Larus ridibundus minor Schleg., Krit. Uebers. Europ. Vögel, pp. cxvii, 113, 1844 : Europe.

Xema pallida Gray, Cat. Birds Nepal, p. 148, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, nom. nud., as synonym.

Chroicocephala ridibundus lavroni Zarudny, Mess. Orn., vol. iii, p. 29, 1912 : Tschirtschik.

Larus brunnicephalus Jerdon.

Larus brunnicephalus Jerdon, Madr. Jour. Lit. Sci., vol. xii, p. 225, 1840.

Larus lacrymosus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 771, 1856, ex Lichtenstein, Nomencl. Av. Mus. Berol., 1854, p. 99, nom. nud., as synonym ; not *L. lacrymosus* Brehm.

Chroicocephalus tibetanus Gould, P. Z. S., 1864, p. 54 : Tibet.

Larus brunniceps Cabanis, Jour. für Orn., 1858, p. 105 : emendation only.

Larus hemprichii Bruch.

Larus hemprichii Bruch, Jour. für Orn., 1853, p. 106 : Red Sea.

Larus genei Brème.

Larus genei Brème, Rev. Zool., 1839, p. 321 : Africa.

Larus tenuirostris Temm., Man. d'Orn., 2nd ed., vol. iv, p. 478, 1840, Dec. 1839 : Sicily.

Larus gelastes Keyserling & Blasius, Die Wirbelth. Europa's, pp. 95, 242, Apl. 1840, ex Lichtenstein MS. : South France ; ex Thienemann & Brehm, Syst. Darst. Fortpfl. Vög. Eur., p. 22, 1838, nom. nud.

- Larus leucocephalus* Keyserling & Blasius, Die Wirbelth. Europa's, pp. 95, 242, Apl. 1840, as of "Boiss., ex Natterer," as synonym.
- Xema lambruschinii* Bonaparte, Icon. Fauna Ital., livr. (27), fol. 135, 1840: Sardinia.
- Larus columbinus* Golowatschow, Bull. Soc. Imp. Nat. Moscow. vol. xxvii, 2, p. 435, pl. iv, 1854: Caspian Sea; not *L. columbinus* Scopoli, 1769.
- Gelastes rubriventris* Bonaparte, Naumannia, p. 216, 1854, as synonym.
- Larus subroseus* and *brehmi* Heuglin, Syst. Uebers. Vog. N.-O. Afr. 1873, ex Sitzb. Ak. Wien, vol. xix, p. 321, 1856, *nomina nuda*, as synonyms.
- Larus arabicus* Saunders, P. Z. S., 1878, p. 193.

Larus fuscus Linn.

(*Larus fuscus* Linn, Syst. Nat. 10th ed., vol. i, p. 136, Jan. 1758: Sweden, Europe.)

Larus fuscus taimyrensis Buturlin.

Larus fuscus taimyrensis Buturlin, Mess. Orn. (Orn. Mitt.), 1911, p. 149: West Coast of Yenesei, Gulf of Siberia.
Larus fuscus antelius Iredale, Bull. B. O. C., vol. xxxi, p. 68, 1913: Ob, Siberia.

Larus argentatus Pontoppidan.

(*Larus argentatus* Pontoppidan, Danske Atlas, vol. i, p. 622, 1763: Denmark Europe.)

Larus argentatus cachinnans Pallas.

Larus cachinnans Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 318, 1811-27: Caspian Sea.
Glaucus michahellesii Bruch, Jour. für Orn., 1853, p. 101: Dalmatia.
Larus leucophæus epargyous Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 770, 1856, ex Lichenstein, Nomencl. Av. Mus. Berol., p. 99, 1854, *nom. nud.*, as synonym.
Larus heuglini Bree, Hist. Birds Europe, 2nd ed., vol. v, p. 58, pl. 1876: Red Sea.

Family STERNIDÆ.

Genus CHLIDONIAS.

Chlidonias Rafinesque, Kentucky Gaz., vol. xxxvi, No. 8, p. 3,
Feb. 21, 1822.

Type by mon., *Sterna melanops*=*S. surinamensis* Gmel.

Hydrochelidon Boie, Isis, after February 1822, col. 563.

Type by orig. desig., *Sterna nigra* Linn.

Viralva Stephens in Shaw's Gen. Zool., vol. xiii (1), p. 166, 1826,
ex Leach MS.

Type by mon., *Sterna nigra* Linn.

Pelodes Kaup, Skizz. Entwick. Nat. Syst., p. 107, 1829.

Type by mon., *Sterna leucopareia* Temm.

Chlidonias leucopareia Temm.

(*Sterna leucopareia* Temm., Man. d'Orn. 2nd ed., vol. ii, p. 746,
1820: Hungary, Europe.)

Chlidonias leucopareia indica Stephens.

Viralva indica Stephens in Shaw's Gen. Zool., vol. xiii (1),
p. 169, 1826: Cawnpore, India.

Sterna similis Gray in Hardwicke's Illustr. Ind. Zool., vol. i, pl. 70,
fig. 2, 1831.

Hydrochelidon marginata Blyth, J. A. S. B., vol. xv, p. 373, note,
1846: near the mouth of the Hoogly, India.

Chlidonias leucopareia leggei Mathews.

Chlidonias leucopareia leggei Mathews, Birds Austral., vol. ii, p. 320,
1913: Ceylon.

Chlidonias leucopareia javanica Horsf.

Sterna javanica Horsf., Trans. Linn. Soc., vol. xiv, p. 198, 1820:
Java.

Sterna grisea id., ibid., vol. xiii, pl. i, p. 199, May 1821: Java.

Hydrochelidon leucoptera belli Mathews, Austral Av. Rec., vol. iii,
p. 55, 1916: Lord Howe Islands.

Chlidonias leucoptera leucoptera Temm.

- Sterna leucoptera* Temm., Man. d'Orn., 1st ed., p. 483, 1815 :
Mediterranean Sea.
Sterna leucorous Seyffertiz & Brehm, Isis, 1833, col. 985 : Ahlsdorf,
Germany.
Hydrochelidon subleucoptera Brehm, Vogelfang, p. 350, 1855 :
North East Africa.

Genus HYDROPROGNE.

- Hydroprogne* Kaup, Skizz. Entwick. Nat. Syst., p. 91, 1829.
Type by mon., *Sterna caspia* Pallas.
Sylochelidon Brehm, Handb. Vögel Deutschl. p. 767, 1831.
Type by sub. desig. Gray, 1840, *S. caspia* Pallas.
Helopus Wagler, Isis, 1832, col. 1224.
Type by mon., *S. caspia* Pallas.
Pontochelidon Hogg, Edinb. New Philos. Jour., vol. xli, p. 69, 1846.
Type by orig. desig., *S. caspia* Pallas.
Heroprogne Buller, Suppl. Birds New Zeal., vol. i, p. 157, 1905,
in errore.

Hydroprogne caspia Pallas.**Hydroprogne caspia caspia** Pallas.

- Sterna caspia* Pallas, Nov. Comm. Acad. Sci. Petrop., vol. xiv (1),
p. 582, 1770 : Caspian Sea.
(*Sterna tschegrava* Lepechin, Nov. Comm. Petrop., vol. iv, pl. i,
p. 500, 1770, is non-binomial.)
Sterna megarhynchos Wolf & Meyer, Handb. Vögel Deutschl.,
vol. ii, p. 33, 1805 ; new name only.
Sterna schillingi Brehm, Beitr. zur Vögelk., vol. iii, p. 641, pl. 4,
1822 : Germany.
Sylochelidon balthica Brehm, Handb. Vögel Deutschl., p. 769, 1831 ;
Baltic Sea.
Thalassites melanotis Swains., Birds West Africa, vol. ii, p. 253,
1837 : West Africa.
Sylochelidon macrorhyncha Brehm, Isis, 1844, col. 186, *nom. nud.*
Thalasseus imperator Coues, Proc. Acad. Nat. Sci. Philad., 1862,
p. 538 : North America.
Sylochelidon caspin vera Hartert, Vögel Palaark. Fauna, vol. ii,
p. 1692, 1921, ex A. E. Brehm, Verz. Samml., p. 14, 1866,
nom. nud., as synonym.

Genus GELOCHELIDON.

Gelochelidon Brehm, Handb. Vögel Deutschl., p. 771, 1831, ex
Isis, 1830, col. 994, *nom. nud.*
 Type by mon., *Sterna nilotica* Gmelin.

Gelochelidon nilotica Gmelin.

Gelochelidon nilotica nilotica Gmelin.

Sterna nilotica Gmelin, Syst. Nat., vol. i, pt. ii, p. 606, 1789 : Egypt,
 Africa.

Sterna anglica Montagu, Suppl. Orn. Dict., text and fig., 1813 :
 Sussex, England.

Sterna risoria Brehm, Beitr. zur Vög., vol. iii, p. 650, 1822 :
 Germany.

Sterna meridionalis Brehm, Lehrb. Nat. eur. Vög., vol. ii, p. 988,
 1824 : "Suden."

Gelochelidon balthica Brehm, Handb. Vögel Deutschl., p. 772, 1831 ;
 new name for *S. risoria*.

Gelochelidon agraria id., ibid., p. 773 : Illyria.

Gelochelidon palustris Macgillivray, Man. Brit. Orn., vol. ii, p. 237,
 1842 ; new name for *S. anglica*.

Gelochelidon velox Brehm, Vogelfang, p. 347, 1855 : North-East
 Africa.

Gelochelidon nilotica affinis Horsf.

Sterna affinis Horsf., Trans. Linn. Soc., vol. xiii, p. 199, 1821 :
 Java.

Genus THALASSEUS.

Thalasseus Boie, Isis, 1822, col. 563.

Type by orig. desig., *Sterna sandvicensis* Latham.

Thalasseus sandvicensis Latham.

Thalasseus sandvicensis sandvicensis Latham.

Sterna sandvicensis Latham, Gen. Synops. Suppl., vol. i, p. 296,
 1787 : Sandwich, Kent, England.

Sterna cantiaca Gmelin, Syst. Nat., vol. i, pt. ii, p. 606, 1789 ; new
 name for preceding.

Sterna boysei Latham, Index Orn., vol. ii, p. 806, 1790 ; new
 name only.

Sterna stubberica Otto, Uebers. Buffon, Nat., vol. xxxi, p. 104, &
 fig., 1790 : Island of Stubber, Baltic Sea.

Sterna columbina Schrank, Fauna Boica, vol. i, p. 232, 1798 : Germany.

Sterna canescens Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 458, 1810 ; new name only.

Thalasseus candicans Brehm, Handb. Vögel Deutschl., p. 777, 1831 : Islands in the Categut.

Thalasseus pauli-de-wurttemburg Brehm, Vogelfang, p. 346, 1855 : Greece.

Thalasseus cantianus gallicus Hartert, Vögel Paläarkt. Fauna, vol. ii, p. 1699, 1921, ex A. E. Brehm, Verz. Samml., p. 14, 1866, *nom. nud.*, as synonym.

Thalasseus bergii Lichtenstein.

(*Sterna bergii* Lichtenstein, Verz. Doubl. Zool. Mus. Berlin, p. 80, 1823 : Cape of Good Hope.)

Thalasseus bergii velox Cretzsch.

Sterna velox Cretzsch., Atlas Reise nörd. Afr., vol. ii, tab. xiii, p. 21, 1826 : Red Sea.

Thalasseus bergii bakeri Mathews.

Thalasseus bergii bakeri Mathews, Birds Austral., vol. ii, p. 346, 1912 : Mekran Coast.

Thalasseus bergii edwardsi Mathews.

Thalasseus bergii edwardsi Mathews, Birds Austral., vol. ii, p. 347, 1912 : Ceylon.

Thalasseus bergii cristata Stephens.

Sterna cristata Stephens in Shaw's Gen. Zool., vol. xiii, pt. 1, p. 146, 1826 : China.

Thalasseus bengalensis Lesson.

Thalasseus bengalensis bengalensis Lesson.

Sterna bengalensis Lesson, Traité d'Orn., p. 621, 1831 : India.

Sterna media Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 199, May 1821 : Java ; not *Sterna media* Vieillot, 1820.

Thalasseus torresii Gould, P. Z. S., 1842, p. 140, 1843 : Port Essington, N. Australia

Thalasseus bengalensis robini Mathews, Austral Av. Rec., vol. iii, p. 55, 1916 : Cape York, Queensland.

Genus STERNA.

Sterna Linn., Syst. Nat., 10th ed., vol. i, p. 137, Jan. 1758.

Type by sub. desig., Gray, 1840, *Sterna hirundo* Linn.

Sternula Boie, Isis, 1822, col. 563.

Type by mon., *Sterna albifrons* Vroeg.

Chelido Billberg, Synops. Faun. Scand., vol. i (2), p. 193, 1828; new name for *Sterna* Linn.

Actochelidon Kaup, Skizz. Entwick. Nat. Syst., p. 31, 1829.

Type by mon., *S. canxiaca* Gmelin = *S. sandvicensis* Latham.

Thalassaea id., ibid., p. 97, 1829.

Type by mon., *S. dougallii* Montagu.

Pelecanopus Wagler, Isis, 1832, col. 277.

Type by mon., *S. pelecanoides* King.

Onychoprion id., ibid., col. 277.

Type by mon., *S. serrata* Boie = *S. fuscata* Linn.

Planetis id., ibid., col. 1222.

Type by mon., *S. guttata* = *S. fuscata* Linn.

Hydrocecropis Boie, Isis, 1844, col. 178; new name for *Sterna* auct.

Thalassipora Rüppell, Syst. Uebers. Vög. N.-O. Afr., p. 140, 1845.

Type by mon., *Sterna fuscata* Linn.

Melanosterna Blyth, J. A. S. B., vol. xv, p. 373, 1846-47.

Type by mon., *Sterna aneethetus* Scopoli.

Dipsaleon Gistel, Nat. Thier. Schilen., p. 10, 1848; new name for *Planetis* Wagler.

Seena Blyth, Cat. Birds Mus. Asiat. Soc., p. 291, 1852.

Type by taut., *Sterna aurantia* Gray.

Gygisterna Mathews, Birds Austral., vol. ii, p. 365, 1912.

Type by taut., *Sterna sumatrana kempfi* Mathews.

Potamochelidon Heine & Reich., Nomencl. Mus. Hein., p. 355, 1890; new name for *Seena* Blyth.

Sterna aurantia Gray.

Sterna aurantia Gray, Illustr. Ind. Zool., vol. i, pl. 69, fig. 2, Jan. 25, 1831: India.

Sterna brevirostris id., ibid., pl. 99, fig. 1, 1831: India; not *S. brevirostris* Vieillot, 1819.

Sterna seena Sykes, P. Z. S., Nov. 22, 1832, p. 171: Dukhun.

Sterna roseata Gray, Cat. Birds Nepal, p. 148, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, nom. nud., as synonym.

Sterna melanogaster Temm. & Laug.

Sterna melanogaster Temm. & Laug., Planch. Color. d'Ois., pl. 434, 1827: Ceylon.

Sterna acuticauda Gray in Hardwicke's Illustr. Ind. Zool., 1831: India.

Sternula jerdoni Beavan, Ibis, 1868, p. 403: India.

Sterna repressa Hartert.

Sterna repressa Hartert, Nov. Zool., vol. xxiii, p. 288, 1916; new name for
Sterna albigena auct.; not *S. albigena* Reichenbach, 1851: Persian Gulf.

Sterna hirundo Linn.**Sterna hirundo hirundo** Linn.

Sterna hirundo Linn., Syst. Nat., 10th ed., vol. i, p. 137, Jan. 1758: Sweden, Europe.

Sterna fluviatilis Naumann, Isis, 1819, col. 1837: Mid-Germany.

Sterna nitzschii Kaup, Isis, 1824, col. 153: no locality.

Sterna pomarina Brehm, Handb. Vögel Deutschl., p. 781, 1831: Pomeranian Coast, Germany.

Sterna oceanii id., ibid., p. 786, 1831: Coast of Holland.

Sterna lacustris id., ibid., p. 1020, 1831: South Germany.

Sterna marina Eyton, Cat. Brit. Birds, p. 55, 1836; new name only.

Sterna senegalensis Swainson, Birds West Afr., vol. ii, p. 250, 1837: Senegal.

Sterna wilsoni Bonaparte, Geog. & Comp. List Birds Eur. & N. Amer., p. 61, 1838: America.

Sterna blasii Brehm, Vogelfang, p. 348, 1855: North Africa.

Sterna vulgaris Dubois, Ois. Belge, pl. 255, 1857; new name only.

Sterna macroductyla and *S. macroptera* Blasius, Jour. für Orn., 1866, p. 75: Cape of Good Hope.

Sterna hirundo tibetana Saunders.

Sterna tibetana Saunders, P. Z. S., 1876, p. 649: Tibet.

Sterna hirundo turkestanica Zarudny, Mess. Orn. (Orn. Mitt.), 1915, p. 226: Sea of Aral.

Sterna hirundo longipennis Nordmann.

Sterna longipennis Nordmann, Verz. Thieren und Pflanzen (Erman), p. 17, 1835: near Okholsk.

Seerna glacialis Kittlitz, Denkw. Reise, vol. i, p. 322, 1858.

Sterna dougallii Montagu.

(*Sterna dougallii* Montagu, Orn. Dict. Suppl., 1813: Scotland, Europe.)

Sterna dougallii korustes Hume.

Sterna korustes Hume, Str. Feath., vol. ii, p. p. 318, 1874 : Andaman Islands.

Sterna albifrons Vroeg.**Sterna albifrons albifrons Vroeg.**

Sterna albifrons Vroeg, Cat. d'Ois., Adumb., p. 6, 1764 : Holland.

Sterna minuta Linn., Syst. Nat., 12th ed., vol. i, p. 228, 1766 : South Europe.

Sterna metopoleucus S. G. Gmelin, Nov. Comm. Acad. Petrop., vol. xv, p. 475, 1771 : South Russia.

Sternula pomarina Brehm, Handb. Vögel Deutschl., p. 791, 1831 : Pomeranian Coast, Germany.

Sternula danica id., ibid. : Island of Cattegut.

Sternula danubialis Brehm, Vogelfang, p. 349, 1855 : Hungary.

Sternula meridionalis id., ibid., p. 349, 1855 : North-East Africa.

? *Sternula minuta innominata* Zarudny & Loudon, Orn. Monatsb., 1902, p. 150 : Baluchistan.

Sterna minuta vera, arenaria, microrhynchos Hartert, Vög. Palaark. Fauna, vol. ii, p. 1712, 1921, ex A. E. Brehm, Verz. Samml. p. 14, 1866, *nomina nuda*, as synonyms.

? *Sterna orientalis* Lichtenstein, Nomencl. Av. Mus. Berol., p. 98, 1854 : S. Africa, E. India, *nom. nud.*

Sterna albifrons sinensis Gmelin.

Sterna sinensis Gmelin, Syst. Nat., vol. i, pt. ii, p. 608, 1789 : China.

Sterna albifrons pusilla Temm.

Sterna pusilla Temm., Man. d'Orn., 2nd ed., vol. iv, p. 464, 1840 : Java.

Sterna gouldii Hume, Str. Feath., vol. v, p. 326, 1877 : Upper India ; not *Sterna gouldii* Reichenbach, 1848.

Sterna albifrons prætermissa Stuart Baker.

Sterna albifrons prætermissa Stuart Baker, Bull. B. O. C., vol. xlix, p. 49, 1928 : Mesopotamia.

Sterna albifrons saundersi Hume.

Sterna saundersi Hume, Str. Feath., vol. v, p. 324, 1877 : Karachi.

Sterna sumatrana sumatrana Raffles.

Sterna sumatrana Raffles, Trans. Linn. Soc., vol. xiii, pt. 2, p. 329, Nov. 1822: Sumatra.
Sterna melanuchen Temm. & Laug., Planch. Color. d'Ois., pl. 427, 1827.
Sterna sumatrana kempfi Mathews, Nov. Zool., vol. xviii, p. 210, 1912: Torres Straits, Queensland.

Sterna anætheta Scopoli.**Sterna anætheta anætheta** Scopoli.

Sterna anætheta Scopoli, Del. Flor. et Faun. Insubr., vol. ii, p. 92, 1786: Philippine Islands.
Sterna panayensis Gmelin, Syst. Nat., vol. i, pt. ii, p. 607, 1789; same bird.
Sterna panaya Latham, Index Orn., vol. ii, p. 808, 1790; same bird.
Haliplana discolor Coues, Ibis, 1864, p. 392, note; new name only.

Sterna anætheta fuligula Lichenstein.

Sterna fuligula Lichtenstein in Forster's Descr. Av., p. 276, 1844: Red Sea.

Sterna anætheta antarctica Lesson.

Sterna antarctica Lesson, Traité d'Orn., p. 621, 1831: Isle of France.

Sterna fuscata Linn.

(*Sterna fuscata* Linn., Syst. Nat., 12th ed., vol. i, p. 228, 1766: Santo Domingo, West Indies.)

Sterna fuscata infuscata Lichenstein.

Sterna infuscata Lichtenstein, Verz. Doubl. Mus. Berl., p. 81, 1823: East Indies.

Genus ANOUS.

Anous Stephens in Shaw's Gen. Zool., vol. xiii, pt. 1, p. 139, Feb. 1826, ex Leach MS.

Type by orig. desig., *A. niger* Stephens = *Sterna stolidia* Linn.
Megalopterus Boie, Isis, Oct. 1826, col. 980.

Type by mon., *Sterna tenuirostris* Temm. & Laug.

Stolidia Lesson, Traité d'Orn., 1831, p. 620.

Type by mon. and taut., *S. stolidia* Linn.

Gavia Swainson, Classif. Birds, vol. ii, p. 373, 1837.

Type by mon., *G. leucocephus* Swain. = *S. stolidia* Linn.

Not *Gavia* Forster, 1788.

Aganaphron Gloger, Hand- u. Hilfsb., vol. v, p. 463, 1842.

Type by mon., *S. stolidia* Linn.

Micranous Saunders, Bull. B. O. C., vol. iv, p. 19, 1895.

Type by mon., *S. tenuirostris* Temm. & Laug.

Anousella Mathews, Birds Austral., vol. ii, p. 412, 1912.

Type by orig. desig., *Anous minutus* Boie.

Anous stolidus Linn.

(*Sterna stolidia* Linn., Syst. Nat., 10th ed., vol. i, p. 137, Jan. 1758:
Atlantic Ocean).

Anous stolidus pileatus Scopoli.

Sterna pileata Scopoli, Del. Flor. et Faun. Insubr., vol. ii, p. 92,
1786: Philippine Islands.

Sterna philippina Latham, Index Orn., vol. ii, p. 805, 1790;
same bird.

Anous pullus Bangs, Bull. Mus. Comp. Zool. Harvard, vol. xxxvi,
p. 285, 1901: Riu-Kiu Island.

Anous minutus Boie.

(*Anous minutus* Boie, Isis, 1884, p. 188: N.E. Australia.)

Anous minutus worcesteri McGregor.

Micranous worcesteri McGregor, Phil. Jour. Sci., Sec. D, vol. vi,
p. 185, 1911: Cavalli, Sula Bay.

Genus LEUCANOUS.

Leucanous Mathews, Birds Austral., vol. ii, p. 432, 1912.

Type by orig. desig., *Gygis microrhyncha* Saunders.

Gygis Wagler, Isis, 1832, col. 1823.

Type by mon., *Sterna candida* Gmelin.

Not *Gyges* Bory de St. Vincent, 1825.

Alphagygis Mathews, Austral Av. Rec., vol. ii, p. 110, 1914;
new name for *Gygis* Wagler.

Leucanous albus Sparrman.

(*Sterna alba* Sparrman, Mus. Carls., 1786, pl. ii: Ascension Island.)

Leucanous albus monte Mathews.

Gygis alba monte Mathews, Birds Austral., vol. ii, p. 443, 1912: Seychelles, Indian Ocean.

Family RYNCHOPIDÆ.

Genus RYNCHOPS.

Rynchops Linn., Syst. Nat., 10th ed., vol. i, p. 138, 1758.

Type by mon. and by sub. desig., Gray, 1840, *R. nigra* Linn.

Rynchosalia Brisson, Orn., vol. vi, p. 222, 1760.

Type by taut., *R. nigra* Linn.

Psalidorhamphos Dumont in Levrault's Dict. Sci. Nat., vol. iv, p. 173, 1805; new name for *Rynchops* Linn.

Anisoramphe id., ibid.; another new name only.

Rynchops albicollis Swainson.

Rynchops albicollis Swainson, Anim. in Menag., p. 360, 1838: India.

Suborder LIMICOLÆ.

Family CHARADRIIDÆ.

Subfamily PRE-CHARADRIINÆ.

Genus ARENARIA.

Arenaria Brisson, Orn., vol. i, p. 48; vol. v, p. 132, 1760.

Type by taut., *Arenaria arenaria* Brisson = *Tringa interpres* Linn.

Morinella Meyer & Wolf, Taschenb. Vög. Deutschl., pt. ii, p. 383, note, 1810.

Type by mon., *M. collaris* Meyer & Wolf = *Tringa interpres* Linn.

Strepsilas Illiger, Prodr. Mamm. et Av., p. 263, 1811.

Type by mon., *Tringa interpres* Linn.

Cinclus Gray, List Gen. Birds, 2nd ed., p. 85, 1841.

Type by orig. desig., *Tringa interpres* Linn.

Not *Cinclus* Borkhausen, 1797.

Arenaria interpres Linn.**Arenaria interpres interpres** Linn.

Tringa interpres Linn., Syst. Nat., 10th ed., vol. i, p. 148, Jan. 1758: Sweden, Europe.

Morinella collaris Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 383, 1810; new name only.

Charadrius cinclus Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 148, 1811-17; new name only.

Strepsilas borealis Brehm, Handb. Vögel Deutschl., p. 559, 1831: Germany.

Strepsilas littoralis id., ibid., p. 560: Germany

Strepsilas minor id., Vogelfang, p. 285, 1855: Egypt.

Strepsilas collaris vulgaris, pusilla Hartert, Vög. Paläark. Fauna, vol. iii, p. 1566, 1920, ex A. E. Brehm, Verz. Samml., p. 12, 1866, *nomina nuda*, as synonyms.

Genus **SQUATAROLA**.

Squatarola Cuvier, Règne Anim., vol. i, p. 467, Dec. 1818,

Type by taut., *Tringa squatarola* Linn.

The name often written *Squatarula* and *Squatarolla*.

Zonibyx Reichenbach, Syst. Nat., 1852, p. 18.

Type by orig. design., *Zonibyx modesta* = *Vanellus cinctus* Lesson.

Squatarola squatarola squatarola Linn.

Tringa squatarola Linn., Syst. Nat., 19th ed., vol. i, p. 149, Jan. 1758: Sweden, Europe.

Tringa helvetica id., ibid., 12th ed., vol. i, p. 250, 1766: Helvetia.

Tringa varia id., ibid., p. 252: Europe.

Charadrius nævius Gmelin, Syst. Nat., vol. i, p. 692, 1789.

Vanellus melanogaster Bechstein, Gem. Naturg. Deutsch., vol. iv, p. 356, 1809; new name for *Tringa helvetica* Linn.

Squatarola grisea Leach, Syst. Cat. & Mam. Birds Brit. Mus., p. 19, 1816; new name for *Tringa squatarola* Linn.

Squatarola cinerea Fleming, Hist. Brit. Anim., p. 111, 1828; new name for *Tringa helvetica* Linn.

Squatarola longirostris Brehm, Jour. für Orn., 1854, p. 79, *nom. nud.*

Squatarola megarhynchos Brehm, Vogelfang, p. 284, 1855: Egypt.

Squatarola subtridactyla Gray, Hand-l. Gen. Sp. Birds, vol. iii, p. 13, 1871, *nom. nud.*

Charadrius megalorhynchus Reichenow, Jour. für Orn., 1877, p. 11.

Squatarola squatarola hypomela Pallas.

Charadrius hypomelus Pallas, Reise Russ. Reichs, vol. iii, p. 699, 1776: Siberia.

Charadrius hypomelanus id., Zoogr. Rosso-Asiat., vol. ii, p. 138, 1811-27: Siberia.

Charadrius pardela id., ibid., p. 142: Siberia.

Squatarola helvetica australis Reichenbach, Nov. Syn. Av., no. v, p. 175, 1851.

Squatarola rhynchomega Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 416, 1856: Abyssinia *in errore* = Australia.

Genus EUPODELLA.

Eupodella Mathews, Birds Austral., vol. iii, p. 83, 1913.

Type by orig. desig., *Charadrius asiaticus* Pallas.

New name for *Eupoda* Brandt; not *Eupodes* Koch, 1835.

Eupoda Brandt, Voy. Sci. Altai Orient, p. 444, 1845.

Eupodella asiatica Pallas.

Charadrius asiaticus Pallas, Reise Russ. Reichs, vol. ii, p. 715, 1773: South Tartary Steppes.

Charadrius caspius Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 136, 1811-27; new name for preceding.

Charadrius jugularis Wagler, Syst. Av., Charad., sp. 39, 1827; new name only.

Charadrius damarensis Strickland in Jardine's Contr. Orn., p. 158, 1852: Damaraland.

Eupodella vereda Gould.

Charadrius veredus Gould, P. Z. S. 1845, p. 38, Nov. 1846: N.W. Australia.

Genus LEUCOPOLIUS.

Leucopolius Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 417, 1850.

Type by taut., *Charadrius nigrifrons* Cuvier = *Charadrius marginatus* Vieillot.

Egialophilus Gould, Handb. Birds of Austr., vol. ii, p. 234, 1865. Type by orig. desig., *Charadrius alexandrinus* Linn.

Leucopolius alexandrinus Linn.

Leucopolius alexandrinus alexandrinus Linn.

Charadrius alexandrinus Linn., Syst. Nat. 10th ed., vol. i, p. 150, Jan. 1758: Egypt.

Charadrius cantianus Latham, Suppl. Index Orn., p. 66, 1801: Kent, England.

Charadrius albifrons Wolf & Meyer, Vög. Deutschl., heft 15, pl. 4, 1805: Main Germany.

Charadrius littoralis Bechstein, Gemein. Nat. Deutsch., vol. iv, p. 430, pl. 23, 1809; new name only.

Ægialitis albicularis Brehm, Handb. Vög. Deutschl., p. 552, 1831: Kiel, Germany.

(*Hiaticula*) *elegans* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlili, p. 417, 1856, ex Lichenstein, Nomencl. Av. Mus. Berl., p. 94, 1854, *nom. nud.* as synonym.

Charadrius cantianus verus Hartert, Vög. Palaark. Fauna, vol. iii, p. 1538, 1920, ex A. E. Brehm, Verz. Samml., p. 11, 1866, *nom. nud.* as synonym.

Leucopolius alexandrinus seebohmi Hartert & Jackson.

Charadrius alexandrinus seebohmi Hartert & Jackson, Ibis, 1915, p. 529: Ceylon.

Charudrius cantianus minutus Seeböhm, Geogr. Distrib. Charad., p. 169, 1887: Red Sea and Ceylon; not *C. minutus* Pallas, 1827.

Leucopolius peroni Schlegel.

Charadrius peroni Bonaparte, Comptes Rendus Acad. Sci. Paris, p. 43, 147, 1856; Schlegel, Mus. de Pays-Bas, sp. 33, 1865: Borneo.

(*Charadrius russatus* Jerdon, Madr. Jour. Lit. Sci., vol. xii, p. 213, 1840: Madras, is the Australian *Elyseornis melanops* Vieillot—see Man. Birds of Aust., vol. i, p. 173.)

Genus HÆMATOPUS.

Hæmatopus Linn., Syst. Nat., 10th ed., vol. i, p. 152, Jan. 1758. Type by mon., *H. ostralegus* Linn.

Ostralega Brisson, Orn., vol. i, p. 46; vol. v, p. 38, 1760. Type by taut., *H. ostralegus* Linn.

Ostralega Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, pp. 32, 35,
1791.

Type by mon. and taut., *H. ostralegns* Linn.

Ostralegus Reichenbach, Nat. Syst. Vög., p. 12, 1852, 1853.

Type by orig. desig., *H. longirostris* Vieillot.

Menalibyx id., ibid., p. 12, 1852, 1853.

* Type by orig. desig., *H. niger* Temm.

Hæmatopus ostralegus Linn.

Hæmatopus ostralegus ostralegus Linn.

Hæmatopus ostralegus Linn., Syst. Nat., 10th ed., vol. i, p. 152,
Jan. 1758 : Oeland Island, Sweden, Europe.

Scolopax pica Scopoli, Ann. I. Hist. Nat., p. 95, 1769 : no
locality.

Hæmatopus hypoleuca Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 129,
1811-27 ; new name only.

Ostralega europaea Lesson, Man. d'Orn., vol. ii, p. 300, 1828 ; new
name only.

Hæmatopus balthicus Brehm, Handb. Vögel Deutschl., p. 562, 1831 :
Baltic Sea.

Hæmatopus orientalis id., ibid., p. 563 : Germany.

Ostralegus vulgaris Lesson, Rev. Zool., 1839, p. 47 ; new name only.

Ostralegus hæmatopus Macgillivray, Man. Brit. Birds, vol. ii, p. 59,
1842 ; new name only.

Hæmatopus ostralegus borysthenicus Charlemagne, Trav. Soc. Orn.
Kiev, vol. i, pp. 1-12, 1913 : Dnieper River, Russia.

Hæmatopus ostralegus verus Hartert, Vög. Paläark. Fauna, vol. ii,
p. 1676, 1921, ex A. E. Brehm, Verz. Samml. p. 12, 1866,
nom. nud., as synonym.

Hæmatopus osculans Swinhoe.

Hæmatopus osculans Swinhoe, P. Z. S., 1871, p. 405 : North China.

Subfamily CHARADRIINÆ.

Genus CHARADRIUS.

Charadrius Linn., Syst. Nat., 10th ed., vol. i, p. 150, Jan. 1758.

Type by taut., *C. hiaticula* Linn.

Ægialitis Boie, Isis, 1822, col. 558.

Type by sub. desig., Gray, 1855, *C. hiaticula* Linn.

Hiaticula Gray, List Gen. Birds, 1st ed., p. 65, 1840.

Type by orig. desig. and taut., *C. hiaticula* Linn.

Ægialeus Reichenbach, Nat. Syst. Vög., p. 18, 1852-53.

Type by orig. desig., *C. semipalmatus* Linn.

Oxyechus id., ibid.

Type by orig. desig., *C. vociferus* Linn.

Ochthodromus id., ibid.

Type by orig. desig., *C. wilsonius* Ord.

Not *Ochthodromus* Le Conte, 1848.

Podasocys Coues, Proc. Acad. Nat. Sci. Philad., 1866, p. 96.

Type by orig. desig., *C. montanus* Townsend.

Pagolla Mathews, Birds Austral., vol. iii, p. 83; new name for *Ochthodromus* Reichenbach, 1853.

Paroxyechus id., ibid., p. 114.

Type by orig. desig., *C. placidus* Gray.

Helencegialis id., ibid., p. 114.

Type by orig. desig., *Ægialitis sanctæheleneæ* Harting.

Pernethyra id., ibid., p. 124.

Type by orig. desig., *C. falklandicus* Latham.

Afrooxyechus id., ibid., p. 124.

Type by orig. desig., *C. tricollaris* Vieillot.

Elseya id., ibid., p. 125.

Type by orig. desig., *C. melanops* Vieillot.

Not *Elseya* Grandidier, 1867.

Elsepornis id., Austral Av. Rec., vol. ii, p. 87, 1914: new name for *Elseya* Mathews.

Nesoceryx id., Bull. B. O. C., vol. xli, p. 35, 1920.

Type by orig. desig., *C. bicinctus* Jardine & Selby.

Afrægialis Roberts, Ann. Transvaal Museum, vol. viii, p. 200, 1922.

Type by mon., *C. venustus* Fischer & Reichenow.

Charadrius hiaticola Linn.

(*Charadrius hiaticola* Linn., Syst. Nat., 10th ed., vol. i, p. 150, Jan. 1758: Sweden, Europe).

Charadrius hiaticola tundræ Lowe.

Ægialitis hiaticola tundræ Lowe, Bull. B. O. C., vol. xxxvi, p. 79, 1915: Yenesei.

Charadrius dubius Scopoli.

Charadrius dubius dubius Scopoli.

Charadrius dubius Scopoli, Del. Flor. et Faun. Insubr., vol. ii, p. 93, 1786: Luzon.

Charadrius philippinus Latham, Index Orn., vol. ii, p. 745, 1790; same basis.

(*Hiaticula*) *simplex* Gray, Hand-l. Gen. Sp. Birds, pt. iii, p. 15, 1871, ex Lichenstein, Nomen. Av. Mus. Berl., p. 94, 1854: nom. nud., as synonym.

Charadrius dubius curonicus Gmelin.

- Charadrius curonicus* Gmelin, Syst. Nat., vol. i, pt. ii, p. 692, 1789 :
Curonia.
- Charadrius minor* Wolf & Meyer, Vög. Deutschl., heft xv,
1805 ; new name only.
- Charadrius fluviatilis* Bechstein, Gem. Nat. Deutschl., vol. iv,
p. 422, 1809 ; new name only.
- Charadrius pusillus* Horsf., Trans. Linn. Soc., vol. xiii, pl. 1,
p. 187, May 1821 : Java.
- Charadrius minutus* Pallas, Zoogr. Rosso-Asiat., vol. iii, p. 145,
1811-27 : Tomsk, Siberia.
- Charadrius hiaticuloides* Franklin, P. Z. S., vol. i, p. 125, 1831 :
Ganges.
- Charadrius intermedius* Ménétries, Cat. Rais. Caucasus, p. 53,
1832 ; Lenkoran.
- Charadrius zonatus* Swainson, Birds West Afr., vol. ii, p. 235,
pl. 25, 1837 : Senegal.
- Ægialitis gracilis* Brehm, Isis, 1845, col. 349 : Greece.
- Ægialitis pygmaea* Brehm, Vogelfang, p. 282, 1855 : S.E. Europe.
- Ægialitis microrhynchus* Ridgway, Amer. Nat., vol. viii, p. 109,
1874 : San Francisco.
- Charadrius minor riparius* Hartert, Vög. Paläark. Fauna, vol. iii,
p. 1536, 1920, ex A. E. Brehm, Verz. Samml., p. 11, 1866,
nom. nud., as synonym.

Charadrius dubius jerdoni Legge.

Ægialitis jerdoni Legge, P. Z. S., June 1, 1880, p. 39 : Ceylon.

Charadrius placidus Gray.

- Charadrius placidus* Gray, Cat. Mamm. Birds Nepal, 2nd ed., p. 70,
1863 : Nepal.
- Charadrius longipes* David, Nouv. Arch. Mus. Paris, 1867, Bull.,
p. 38 : Pekin ; not *C. longipes* Schlegel, 1854.
- Ægialitis hartingi* Swinhoe, P. Z. S., June 2, 1870, p. 136, pl. xii :
Szechuan.
- Eudromias tenuirostris* Hume, Str. Feath., vol. i, p. 17, Nov. 1872 :
Burma.

Genus **CIRREPIDESMUS**.

- Cirrepidesmus* Bonaparte, Comptes Rendus Acad. Sci. Paris,
vol. xlivi, p. 417, 1856.
Type by taut., *Charadrius pyrrhorax* Gould = *C. mongolus*
Pallas.

Cirrepidesmus mongolus Pallas.*Cirrepidesmus mongolus mongolus* Pallas.

Charadrius mongolus Pallas, Reise Russ. Reichs, vol. iii, p. 700, 1776 : Mongolia.

Charadrius sanguineus Lesson in Levrault's Dict. Sci. Nat., vol. xlvi, p. 35, 1826 : Java.

Charadrius cirrhepidesmos Wagler, Syst. Av., Charad., sp. 18, 1827 ; hab. unknown—Java.

Charadrius gularis id., ibid., sp. 40 ; new name for *C. mongolus* Pallas.

Hiaticula inornata Gould, Birds of Austr., pt. xxiv, vol. vi, pl. 19, 1846 : Torres Straits.

Charadrius sonneratii Gray, Hand-l. Gen. Sp. Birds, pt. iii, p. 15, 1871, in synonymy.

Ægialitis mastersi Ramsay, Proc. Linn. Soc. N.S.W., vol. i, p. 135, 1876 : North Queensland.

Cirrepidesmus mongolus atrifrons Wagler.

Charadrius atrifrons Wagler, Isis, 1829, col. 650 : Bengal.

Charadrius inconspicuus id., ibid., col. 651 : Bengal.

Charadrius pyrrhothorax Gould, Birds of Europe, vol. iv, pl. 299, 1837, ex Temm. MS.

Charadrius rufinellus Blyth, Ann. Mag. Nat. Hist., vol. xii, p. 169, 1843 : Calcutta.

(*Charadrius*) *rubricollis* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 417, 1856, as synonym.

Ægialitis pamirensis Richmond, Proc. U.S. Nat. Mus., vol. xviii, p. 589, 1896 : Pamir.

Charadrius subrufinus Hartert, Vög. Paläark. Fauna, vol. ii, p. 1543, 1920, ex Hodgs., Zool. Misc., p. 86, 1844, nom. nud., as synonym.

Cirrepidesmus leschenaultii Lesson.

Charadrius leschenaultii Lesson in Levrault's Dict. Sci. Nat., vol. xlvi, p. 36, 1826 : Pondicherry, India.

Charadrius geoffroyi Wagler, Syst. Av., Charad., sp. 19, 1827 : Pondicherry, India.

Charadrius columbinus id., Isis, 1829, col. 650, ex Hemprich MS. : Arabia.

Charadrius griseus Traité d'Orn., p. 544, 1831 ; new name only : not *C. griseus* Latham, 1801.

Charadrius rufinus Blyth, Ann. Mag. Nat. Hist., vol. xii, p. 169, 1843 : India.

Ægialitis gigas Brehm, Vogelfang, p. 283, 1855 : Suez.

- Charadrius columboides* Gray, Hand-l. Gen. Sp. Birds, vol. iii, p. 14, 1871, ex Reich., in synonymy.
- Eudromias crassirostris* Severtzoff, Turkest. Jev., p. 146, 1873: Turkestan.
- Eudromias magnirostris* Severtzoff, Jour. für. Orn., 1875, p. 183; ? in errore for preceding.
- Pagoa zanda* Mathews, Emu, vol. xvi, p. 35, 1916: North-West Australia.
- Aegialitis microrhynchus* Ewing, Tasm. Jour. Sci., p. 57, 1840, nom. nud.

Genus PLUVIALIS.

Pluvialis Brisson, Orn., vol. i, p. 46; v, p. 42, 1760.
Type by taut., *Charadrius apricarius* Linn.

Pluvialis apricarius Linn.

Pluvialis apricarius Linn.

- Charadrius apricarius* Linn., Syst. Nat., 10th ed., vol. i, p. 150, Jan. 1758: Oland, Sweden..
- Charadrius pluvialis* id., ibid., p. 151: Europe.
- Charadrius aureus* P. L. S. Müller, Natursyst. Suppl., p. 118, 1776: Europe.
- Charadrius auratus* Suckow, Nat. Thier., vol. ii, p. 1592, 1801.
- Charadrius altifrons* Brehm, Handb. Vögel Deutschl., p. 542, 1831 · Faroes.
- Pluvialis apricarius*, *communis*, *albifrons*, Hartert, Vög. Paläark. Fauna, vol. iii, p. 1849, 1920, ex A. E. Brehm, Verz. Samml., p. 11, 1866, *nomina nuda*, as synonyms.

Pluvialis dominicus Müller.

(*Charadrius dominicus* P. L. S. Müller, Natursyst. Suppl., p. 116, 1776: St. Domingo, America.)

Pluvialis dominicus fulvus Gmelin.

- Charadrius fulvus* Gmelin, Syst. Nat., vol. i, pt. ii, p. 687, 1789: Tahiti.
- Charadrius fuscus* Latham, Index Orn. Suppl., p. 66, 1801: New South Wales.
- Charadrius griseus* id., ibid., p. 67, 1801.
- Charadrius taitensis* Lesson in Levrault's Dict. Sci. Nat., vol. xlvi, p. 35, 1826: Tahiti.
- Charadrius vanthocheilus* Wagler, Syst. Av., Charad., sp. 36, 1827: Australia.

Charadrius glaucopus Wagler, Isis, 1829, col. 649, ex Forster MS.: Tahiti.

Charadrius pluvialis orientalis Temm. & Schleg., Fauna Japon., Av., p. 104, 1849: Japan.

Charadrius auratus longipes, Schleg., Vög. van Nederl., p. 411, 1854: East Asia.

Genus VANELLUS.

Vanellus Brisson, Orn., vol. i, p. 48; vol. v, p. 94, 1760.

Type by taut., *Tringa vanellus* Linn.

Vanellus vanellus Linn.

Tringa vanellus Linn., Syst. Nat., 10th ed., vol. i, p. 148, Jan. 1758: Sweden, Europe.

Vanellus capella Schaeffer, Mus. Orn., p. 49, 1789; new name only.

Vanellus vulgaris Bechstein, Orn. Taschenb., vol. ii, p. 313, 1803; new name only.

Vanellus cristatus Meyer & Wolf, Taschenb. Vög. Deutschl., vol. i, p. 110, 1805; new name only.

Vanellus gavia Forster, Syn. Cat. Birds, p. 24, 1817; new name only.

Vanellus bicornis Brehm, Handb. Vög. Deutschl., p. 557, 1831; Mid-Germany.

Vanellus crispus Brehm, Isis, 1841, col. 300: Leipzig, Germany.

Vanellus collaris Andrzejowski, Bull. Soc. Imp. Nat. Moscow, p. 19, 1839: Kieff.

Vanellus cristatus communis Hartert, Vög. Paläark. Fauna, p. 1556, 1920, ex A. E. Brehm, Verz. Samml., p. 11, 1866, nom. nud., as synonym.

Genus CHETTUSIA.

Chettusia Bonaparte, Icon. Fauna Italica, livr. 23, 1838.

Type by mon., *Charadrius gregarius* Pallas.

Vanellochettusia Brandt in Lehmann's Reise nach Buchara, p. 324, 1852.

Type by mon., *Charadrius leucurus* Lichtenstein.

Eurypterus Sharpe, Cat. Birds Brit. Mus., vol. xxiv, p. 171, 1896.

Type by mon., *Charadrius leucurus* Lichtenstein; not *Eurypterus* De Kay, 1926.

Euhyas Sharpe, Cat. Birds Brit. Mus., vol. xxiv, p. 736, 1896; new name for *Eurypterus* Sharpe; not *Euhyas* Fitzinger, 1843.

Zapterus Oberholser, Proc. Acad. Nat. Sci. Philad., p. 215, 1899; new name for *Euhyas* Sharpe.

Chettusia gregaria Pallas

Charadrius gregarius Pallas, Reise Russ. Reichs, vol. i, p. 456, 1771: Volga.

(*Tringa keptuschka* Lepechin, 1771; non-binomial.)

Tringa fasciata S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 194, pl. 26, 1774: Astrakhan.

Vanellus pallidus Heuglin, Sitz. Kais. Ak. Wissen. Wien, Bd. xix, p. 307, Feb. 1856: East Sennaar, Africa.

Chettusia wagleri Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 419, 1856, ex J. E. Gray; new name for description in Hardwicke's Illustr. Ind. Zool., pl. 50.

Chettusia leucura Lichtenstein.

Charadrius leucurus Lichtenstein in Eversmann's Reise von Orenburg, p. 137, 1823: Kurwan.

Vanellus villostae Audouin in Savigny's Descr. Egypte, expl. plates, p. 297, for pl. vi. fig. 2, 1826: Egypt.

Vanellus flavipes Lesson, Traité d'Orn., p. 542, 1831; for same plate.

Vanellus grallarius id., ibid.: no locality.

Vanellus aralensis Eversmann, Bull. Soc. Imp. Nat. Moscow, vol. xxvi (3), p. 497, 1853: near Aral Sea.

Genus HOPLOPTERUS.

Hoplopterus Bonaparte, Giorn. Accad. Rome, vol. xlix, p. 55, 1831.

Type by mon., *Charadrius spinosus* Linn.

Philomachus Gray, List, Gen. Birds, 1st ed., p. 65, 1840, ex Moehring.

Type by orig. desig., *C. spinosus* Linn.

Acanthopteryx id., ibid., 2nd ed., p. 84, 1841, ex Leach MS., as synonym.

Hoplopterus duvaucelii Lesson.

Charadrius duvaucelii Lesson in Levrault's Dict. Sci. Nat., vol. xlvi, p. 38, 1826: Calcutta.

Charadrius ventralis Wagler, Syst. Av., Charad., sp. 11, 1827; same specimen.

Charadrius bicolor Temm. & Laug., Planch. Color. d'Ois., livr. 89, 1832.

Genus **LOBIVANELLUS**.

Lobivanellus Gray, List Gen. Birds, 2nd ed., p. 84, Sept. 1841, ex Strickland MS.

Type by orig. desig., *P. goensis* Gm.=*Tringa indica* Boddaert.
Lobivanellus Strickland, P.Z.S., 1841, p. 33, published in Oct. 1841.

Sarcogrammus Reichenbach, Nat. Syst. Vög., p. 18, 1852-53.

Type by orig. desig., *T. goensis* Lath.=*Tringa indica* Boddaert.

Lobivanellus indicus Boddaert.**Lobivanellus indicus indicus** Boddaert.

Tringa indica Boddaert, Tabl. Pl. Enlum., p. 50, 1783, on Pl. Enl. 807 : Goa, India.

Parra goensis Gmelin, Syst. Nat., vol. i, pt. ii, p. 706, 1789 ; on same basis.

Charadrius atrogularis Wagler, Syst. Av., *Charad.*, sp. 49, 1827 ; new name only.

Lobivanellus indicus aigneri Laubm.

Lobivanellus indicus aigneri Laubm., Falco, Aug. 1913, p. 30 : Mekran.

Lobivanellus indicus atronuchalis Jerdon.

Lobivanellus atronuchalis Jerdon, Birds of India, vol. iii, p. 648, 1864, ex Blyth MS. : Burma.

Genus **LOBIPLUVIA**

Lobipluvia Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlivi, p. 418, 1856.

Type by mon., *Charadrius malabaricus* Boddaert.

Lobipluvia malabarica Boddaert.

Charadrius malabaricus Boddaert, Tabl. Pl. Enlum., p. 53, 1783, for Pl. Enl. 880 : Malabar.

Charadrius bilobus Gmelin, Syst. Nat., vol. i, pt. ii, p. 691, 1789 ; same basis.

Charadrius myops Lesson, Traité d'Orn., p. 546, 1831 : no locality.

Sarciophorus fuscus Gray, Cat. Birds Nepal, p. 132, 1846, ex Hodgs., Zool. Misc., p. 82, 1844, nom. nud., as synonym.

Genus **MICROSARCOPS**.

Microsarcops Sharpe, Cat. Birds Brit. Mus., vol. xxiv, p. 133, 1896.
Type by mon., *Pluvianus cinereus* Blyth.

***Microsarcops cinereus* Blyth.**

Pluvianus cinereus Blyth, J. A. S. B., vol. xi, p. 587, (after May 1, 1842): Calcutta.

Lobivanellus inornatus Temm. & Schleg., Fauna Japon., Av., p. 106, pl. 63, 1849: Japan.

Lobivanellus melanoleucus id., ibid., on plate.

Genus **HIMANTOPUS**.

Himantopus Brisson, Orn., vol. i, p. 33, 1760.

Type by taut., *Charadrius himantopus* Linn.

Macrotarsus Lacépède, Tabl. d'Ois., p. 18, 1799: Daudin in Buffon's Hist. Nat., ed. Didot, Quadr., vol. xiv, p. 336, 1802.

Type by mon., *Charadrius himantopus* Linn.

Not *Macrotarsus* Link, 1795.

Hypsibates Nitzsch in Ersch u. Gruber's Encycl., sect. xvi, p. 150, 1827; new name for *Himantopus* Brisson.

Calobatus Lesson, Man. d'Orn., vol. ii, p. 339, 1828; new name for *Himantopus* Brisson.

Himantellus Gray, Cat. Gen. Subgen. Birds, p. 117, 1855, ex Rafinesque, An. Nat., p. 219, 1815, *nom. nud.*, as synonym.

Himantopus himantopus* Linn.**Himantopus himantopus himantopus* Linn.**

Charadrius himantopus Linn., Syst. Nat., 10th ed., vol. i, p. 151, Jan. 1758: Southern Europe.

Himantopus candidus Bonnaterre, Tabl. Encycl. Méth. Orn., vol. i, p. 24, 1791; new name for *C. himantopus* Linn.

Himantopus vulgaris Bechstein, Orn. Taschenb., vol. ii, p. 325, pl. 28, 1803; new name only.

Himantopus rufipes id., Gemein. Naturg. Deutsch., vol. iv, p. 446, 1809; new name only.

Himantopus atropterus Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 315, 1870; new name only.

Himantopus melanopterus Meyer, An. Wett. Ges., vol. iii, p. 177, 1814; new name only.

Himantopus albicollis Vieillot, Nouv. Dict. d'Hist. Nat., nouv. ed., vol. x, p. 41, 1817; new name only.

- Himantopus longipes* Brehm, Lehrb. Nat. eur. Vög., vol. ii, p. 506, 1824: Egypt.
- Himantopus plinii* Fleming, Hist. Brit. Anim., p. 112, 1828; new name only.
- Himantopus asiaticus* Lesson, Rev. Zool., 1839, p. 44: Pondicherry, India.
- Himantopus meridionalis* Brehm, Isis, 1843, col. 726: South Africa.
- Himantopus minor* id., ibid., 1843, col. 727: Hungary.
- Himantopus intermedius* Blyth, Cat. Birds Mus. Asiat. Soc., p. 265, 1852: Agra, India.
- Himantopus melanoccephalus* Brehm, Vogelfang, p. 324, 1855: Greece.
- Himantopus nigricollis* id., ibid.: Asia; not of Vieillot, 1817.
- Himantopus leucocephalus* id., ibid.: North-East Africa; not of Gould, 1837.
- Himantopus brevipes* id., ibid.: Mensaleh Lake, Europe.
- Himantopus europeus* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlivi, p. 421, 1856, ex Sand, as synonym.
- Himantopus autumnalis* Gray, Hand-l. Gen. Sp. Birds, pt. iii, p. 47, 1871, ex Hasselquist: new name for *C. himantopus* Linn.
- Himantopus rufipes communis* Hartert, Vög. Paläark. Fauna, vol. ii, p. 1633, 1921, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nom nud.*, as synonym.

Genus RECURVIROSTRA.

- Recurvirostra* Linn., Syst. Nat. 10th, ed., vol. i, p. 151, Jan. 1758.
Type by mon., *R. avocetta* Linn.
- Avocetta* Brisson, Orn., vol. i, p. 60; vol. vi, p. 537, 1760.
Type by taut., *R. avocetta* Linn.

Recurvirostra avocetta Linn.

Recurvirostra avocetta avocetta Linn.

- Recurvirostra avocetta* Linn., Syst. Nat., 10th ed., vol. i, p. 151, Jan. 1758: South Europe.
- Avocetta recurvirostra* Boddaert, Tabl. Pl. Enlum., p. 21, 1783; new name only.
- Avocetta europaea* Dumont in Levrault's Dict. Sci. Nat., vol. ii, p. 339, 1816; new name only.
- Recurvirostra fissipes* Brehm, Handb. Vög. Deutschl., p. 686, 1831: Germany.
- Recurvirostra helebi* A. E. Brehm, Jour. für Orn., 1854, p. 84: Egypt.
- Recurvirostra sinensis* Swinhoe, Ibis, 1867, p. 401: Amoy.
- Recurvirostra avocetta natans* Hartert, Vög. Paläark. Fauna, vol. ii, p. 1635, 1921, ex A. E. Brehm, Verz. Samml., p. 1866, *nom nud.*, as synonym.

Genus IBIDORHYNCHA.

Ibidorhyncha Gould, Cent. of Birds, pl. 19, 1831; Vigors, P. Z. S., 1830-31, p. 174, Mch. 2, 1832.

Type by mon., *I. struthersii* Gould.

Clorhynchus Hodgs., J. A. S. B., vol. iv, p. 701, 1835-36.

Type by mon., *C. strophiatus* Hodgs.=*I. struthersii* Gould.

Falcirostra Severtzoff, Turk. Jevotn., pp. 69-146, 1873.

Type by mon., *F. kaufmanni* Severtzoff=*I. struthersii* Gould.

Ibidorhyncha struthersii Gould.

Ibidorhyncha struthersii Gould, Cent. of Birds, pl. 19, 1831; Vigors, P. Z. S., 1830-31, p. 174, Mch. 2, 1832: Himalayas.

Clorhynchus strophiatus Hodgs., J. A. S. B., vol. iv, p. 701, 1835-36, for *Erolia* sp., described p. 459: Nepal.

Falcirostra kaufmanni Severtzoff, Turk. Jevotn., pp. 69-146, pl. x, 1873; cf. Ibis, 1876, p. 329: Turkestan.

Falcirostra longipes id., ibid., pp. 69-147, 1873.

Family SCOLOPACIDÆ.

Subfamily TRINGINÆ.

Genus NUMENIUS.

Numenius Brisson, Orn., vol. i, p. 48; vol. v, p. 311, 1760.

Type by taut., *Scolopax arquata* Linn.

Phæopus Cuvier, Règne Anim., vol. i, p. 485, 1817=1816.

Type by taut., *Scolopax phæopus* Linn.

Neomenius Billberg, Synops. Faun. Scand., vol. i(2), tab. A, p. 159, 1828; emendation of *Numenius* Brisson.

Cracticornis Gray, List Gen. Birds, 2nd ed., p. 88, 1841.

Type by orig. desig., *Scolopax arquata* Linn.

Zarapita Mathews, Birds Austral., vol. iii, p. 168, 1913.

Type by orig. desig., *Numenius tenuirostris* Vieillot.

Numenius arquata Linn.*Numenius arquata arquata* Linn.

Scolopax arquata Linn., Syst. Nat., 10th ed., vol. i, p. 145, Jan. 1758: Sweden, Europe.

Numenius major Stephens in Shaw's Gen. Zool., vol. xii, pt. i, p. 26, 1824; new name only.

Numenius medius Brehm, Handb. Vög. Deutschl., p. 609, 1913, Germany.

Numenius assimilis Brehm, Vogelfang, p. 302, 1855 : South Germany.

Numenius rufescens id., ibid.: South Europe.

Numenius arquatula Gray, Hand-l. Gen. Sp. Birds, pt. iii, p. 42, 1871, ex Hodgs., Zool. Misc., 1844, p. 86; *nom. nud.*, as synonym.

Numenius arquatus leucothorax Hartert, Vög. Paläark. Fauna, vol. ii, p. 1643, 1921, ex A. E. Brehm, Verz. Samml., p. 12, 1866, *nom. nud.*, as synonym.

Numenius arquata orientalis Brehm.

Numenius orientalis Brehm, Handb. Vög. Deutschl., p. 610, 1831 : East Indies.

Numenius lineatus Cuvier, Règne Anim., 2nd ed., vol. i, p. 52, 1829; *nom. nud.*

Numenius nasicus Temm., Man. d'Orn., 2nd ed., vol. iv, p. 393, 1840=1839 : Borneo and Sumatra.

Numenius longirostris Brehm, Vogeliang, p. 303, 1855 : West Asia; not *N. longirostris* Wilson, 1814.

Numenius cassius Swinhoe, Ibis, 1867, p. 328 : Amoy.

Numenius phæopus Linn.

Numenius phæopus phæopus Linn.

Scolopax phæopus Linn., Syst. Nat., 10th ed., vol. i, p. 46, Jan. 1758: Sweden, Europe.

Numenius minor Forster, Synop. Cat. Brit. Birds, p. 58, 1807; new name only.

Phæopus vulgaris Fleming, Philos. Zool., vol. ii, p. 254, 1822; new name only.

Numenius islandicus Brehm, Handb. Vög. Deutschl., p. 610, 1831 : Iceland.

Numenius melanorhynchus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xliii, p. 597, 1856 : Greenland.

Numenius hæsitatus Hartlaub, Orn. West Afr., p. 233, 1857 : St. Thomas Is., W. Africa.

Numenius phæopus variegatus Scop.

Tantalus variegatus Scop., Del. Flor. et Faun. Insubr., vol. ii, p. 92, 1786: Luzon.

Scolopax luzoniensis Gmelin, Syst. Nat., vol. iii, pt. i, p. 122, 1785: Luzon.

Numenius uropygialis Gould, P. Z. S., 1840, p. 175: Australia.

Numenius tahitensis Cassin in Perry's Exped. China Seas & Japan, vol. ii, p. 228, pl. v, 1856: Japan; not Gmelin, 1785.

Genus LIMOSA.

Limosa Brisson, Orn., vol. i, p. 48; vol. v, p. 261, 1760.

Type by taut., *Scolopax limosa* Linn.

Limicula Vieillot, Anal. nouv. Orn., p. 56, 1816.

Type by mon., *Scolopax limosa* Linn.

Gambetta Koch, Syst. Nat. Zool., vol. xlvi, p. 307, 1816.

Type by mon., *Scolopax limosa* Linn.

Fedoa Stephens in Shaw's Gen. Zool., vol. xii, pt. i, p. 70, 1824.

Type by taut., *Scolopax fedoa* Linn.

Not *Fedoa* Forster, 1817.

Actites Billberg, Synops. Faun. Scand., vol. i (2), tab. A, p. 153, 1828.

Type by mon., *Scolopax limosa* Linn.

Not *Actitis* Illiger, 1811.

Vetola Mathews, Birds Austral., vol. iii, p. 191, 1913.

Type by orig. desig., *Scolopax lapponica* Linn.

Limosa limosa Linn.*Limosa limosa limosa* Linn.

Scolopax limosa Linn., Syst. Nat., 10th ed., vol. i, p. 147, Jan. 1758: Sweden, Europe.

Scolopax belgica Gmelin, Syst. Nat., vol. i, pt. ii, p. 663, 1789: Belgium.

Limosa melanura Leisler, Nacht. Bechst. Naturg., vol. ii, p. 153, 1813: Germany.

Limosa jadreka Forster, Synop. Cat. Brit. Birds, pp. 23, 58, 1817; new name only.

Limosa vulgaris Dumont in Levrault's Dict. Sci. Nat., vol. iv, p. 63, 1805; new name only.

Limosa islandica Brehm, Handb. Vög. Deutschl., p. 626, 1831: Iceland.

Limosa major id., Isis, 1845, col. 352: Hungary.

Limosa brachyptera id., Vogelfang, p. 305, 1855: North-East Africa.

Limosa grisea id., ibid., p. 305, 1855: Meusaleh Lake.

Limosa limosa melanuroides Gould.

Limosa melanuroides Gould, Birds of Austral., pt. xxxiv, vol. vi, pl. 28, 1846: Port Essington, Australia.

Limosa lapponica Linn.**Limosa lapponica lapponica Linn.**

Scolopax lapponica Linn., Syst. Nat., 10th ed., vol. i, p. 147, Jan. 1758: Lapland.

Scolopax oeocephala id., ibid.: South Europe.

Scolopax leucophaea Latham, Index Orn., vol. ii, p. 719, 1790: England, Europe.

Tringa gregaria Otto, Übers. Buffon, vol. xxvi, p. 242, 1797.

Totanus ferrugineus Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 374, 1810; new name only.

Limosa meyeri Leisler, Nach. zu Bechst. Naturg., vol. ii, p. 172, 1813: Germany.

Limosa varia Dumont in Levrault's Dict. Sci. Nat., vol. iv, p. 64, 1805.

Limosa rufa id., ibid., p. 66, 1805; new names only.

Fedoa pectoralis Stephens in Shaw's Gen. Zool., vol. xii, pt. i, p. 79, 1824: England.

Limosa bargaei Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 180, 1811-27: Russia.

Limosa noveboracensis Sharpe, Cat. Birds Brit. Mus., vol. xxiv, p. 373, ex *L. novemboracensis* Forster, Synops. Cat. Brit. Birds, pp. 23, 58 (*noveboracensis*), 1817, nom. nud.

Limosa rufa vera Harttert, Vög. Paläarkt. Fauna, vol. ii, p. 1639, 1921, ex A. E. Brehm, Verz. Samml., p. 12, 1866, nom. nud., as synonym.

Genus LIMNODROMUS.

Limnodromus Neuwied, Beitr. Naturg. Brasil., vol. iv, Abstr. 2, p. 716, 1833.

Type by mon., *Macrorhamphus griseus* Gmelin.

Pseudoscolopax Blyth, J. A. S. B., vol. xxviii, p. 280, 1859.

Type by mon., *Macrorhamphus semipalmatus* Blyth.

Limnodromus taczanowskii Verreaux.

Micropalama taczanowskii Verreaux, Rev. Mag. d. Zool., May-June 1860, p. 206, pl. xiv: Dauria.

Macrorhamphus semipalmatus Blyth, J. A. S. B., vol. xvii, p. 251, 1848, ex Jerdon MS.: Calcutta.

Genus TEREKIA.

Terekia Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer., p. 52, 1838.

Type by mon., *Scolopax cinerea* Güldenstadt.

- Xenus* Kaup, Natürg. Syst., 1829, p. 115.
 Type by mon., *Scolopax cinerea* Güldenstadt.
 Not *Xenos* Rossi, 1794.
Simorhynchus Keyslerling & Blasius, Die Wirbelth. Europa's, p. 74,
 1840.
 Type by mon., *L. cinerea* Güldenstadt.
 Not *Simorhynchus* Merren, 1819.
Rhynchosimus Heine & Reichenow, Nomencl. Mus. Hein., p. 326,
 1890; new name for preceding.

Terekia cinerea Güldenstadt.

Terekia cinerea cinerea Güldenstadt.

- Scolopax cinerea* Güldenstadt, Nov. Comm. Acad. Sci. Imp. Petrop.,
 vol. xix, p. 473, pl. 19, 1774: Shores of Caspian Sea.
Scolopax terek Latham, Index Orn., vol. ii, p. 724, 1790; new
 name for preceding.
Fedoa terekensis Stephens in Shaw's Gen. Zool., vol. xii, pt. i,
 p. 83, 1824; new name only.
Limosa recurvirostra Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 181,
 1811-27; new name only.
Limicola indiana Lesson, Traité d'Orn., p. 554, 1831: India.
Totanus terekius Seebold, Georg. Distr. Charad., p. 369, 1888;
 new name only.
Terekia cinerea australis Mathews, Austral Av. Rec., vol. iii, p. 69,
 1917: Melville Island, North Australia.

Terekia cinerea javanica Horsfield.

- Totanus javanicus* Horsfield, Trans. Linn. Soc., vol. xiii, pt. i,
 p. 193, May 1821: Java.
Scolopax sumatrana Raffles, ibid., pt. 2, p. 327, Nov. 1822:
 Sumatra.

Genus TRINGA.

- Tringa* Linn., Syst. Nat., 10th ed., vol. i, p. 148, Jan. 1758.
 Type by taut., *T. ochropterus* Linn.
Totanus Bechstein, Orn. Taschenb., vol. ii, p. 282, 1803.
 Type by taut., *Scolopax totanus* Linn.
Actitis Illiger, Prodri. Mamm. et Av., p. 263, 1811.
 Type, *Tringa hypoleucos* Linn.
Carites Billberg, Synops. Faun. Scand., vol. i (2), tab. A, p. 143,
 1828; new name for *Totanus* Bechstein.

Tringoides Bonaparte, Ann. Lyce. Nat. Hist. N.Y., vol. ii, p. 326, 1827.

Type by mon., *Tringa macularia* Wilson.

Erythroscelus Kaup, Skizz. Entwick. Nat. Syst., p. 54, 1829.

Type by mon., *Scolopax erythropus* Vroeg.

Gambetta id., ibid., p. 54, 1829.

Type by taut., *Scolopax totanus* Linn.

Not *Gambetta* Koch, 1816.

Rhyacophilus id., ibid., p. 140, 1829.

Type by mon., *Tringa glareola* Linn.

Helodromas id., ibid., p. 144, 1829.

Type by mon., *Tringa ochrophus* Linn.

Iliornis Kaup, Skizz. Entwick. Nat. Syst., p. 156, 1829.

Type by mon., *Totanus stagnatilis* Bechstein.

Guinetta Gray, List Gen. Birds, 1st ed., p. 68, ex Brisson, 1840.

Type by orig. desig., *Tringa hypoleucus* Linn.

Rhynchophilus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlili, p. 597, 1856: emendation of *Rhyacophilus* Kaup.

Heteroscelus Baird, Rep. Pacific Railroad Surv., vol. ix, p. 734, 1858.

Type by orig. desig., *T. brevipes*=*S. incana* Gmelin.

Not *Heteroscelis* Latreille, 1825.

Heteractitis Stejneger, Auk, vol. i, p. 236, 1884; new name for *Heteroscelus* Baird, 1858.

Aegialodes Heine & Reich., Nomencl. Mus. Hein., p. 327, 1890; new name for *Gambetta* Kaup.

Neoglottis Ridgway, Bull. U.S. Nat. Mus., no. 50, pt. 8, p. 329, 1919.

Type by orig. desig., *Scolopax melanoleuca* Gmelin.

Tringa ochrophus Linn.

Tringa ochrophus (sic) Linn., Syst. Nat., 10th ed., vol. i, p. 149, Jan. 1758: Sweden, Europe.

Tringa ochropus Gmelin, 1789, and all later authors.

Totanus rivalis Brehm, Handb. Vög. Deutschl., p. 642, 1831: Germany.

Totanus leucourus id., ibid., p. 643: Frahken.

Totanus leucourus Gray in Hardwicke's Illustr. Ind. Zool., vol. ii, pl. 51, 1835.

Tringa ochropus assami Mathews, Austral Av. Rec., vol. i, p. 188, 1913: Assam.

Totanus ochropus umbraticus Hartert, Vög. Paläarkt. Fauna, vol. ii, p. 1617, 1921, ex A. E. Brehm, Verz. Samml., p. 12, 1866, nom. nud., as synonym.

Tringa stagnatilis Bechstein.

- Totanus stagnatilis* Bechstein, Orn. Taschenb., vol. ii, p. 292, 1803 : Germany.
- Trynga guinetta* Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 195, 1811-27 : Russia.
- Limosa horsfieldii* Sykes, P. Z. S., Nov. 22, 1832, p. 163 : Duk-hun.
- Totanus lathamii* Gray in Hardwicke's Illustr. Ind. Zool., vol. ii, pl. 51, fig. 3, 1835 : Cawnpore, India.
- Totanus gracilis* Brehm, Vogelfang, p. 313, 1855 : N.E. Africa.
- Iliornis stagnatilis uddenda* Mathews, Austral Av. Rec., vol. ii, p. 126, 1915 : N. Australia.

Tringa hypoleucus Linn.

- Tringa hypoleucus* Linn., Syst. Nat., 10th ed., p. 149, Jan. 1758 : Sweden, Europe.
- Trynga ralloides* Vroeg, Cat. d'Ois. Adumb., p. 7, 1764 : Holland.
- Tringa aurita* Latham, Suppl. Index. Orn., p. 66, 1801 : New South Wales.
- Totanus guinetta* Forster, Synop. Cat. Brit. Birds, p. 24, 1817 ; new name for *Tringa hypoleucus* Linn.
- Trynga leucoptera* Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 196, 1811-27 : Siberia.
- Actitis cinclus* Brehm, Handb. Vög. Deutschl., p. 648, 1831 : Germany.
- Actitis stagnatilis* id., ibid., p. 649 : Germany.
- Totanus macularius*? var. *auratus* Gray, Cat. Birds Nepal, p. 139, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.
- Actitis empusa* Gould, P. Z. S., p. 222, 1847, Mch. 1848 : Port Essington, North Australia.
- Actitis megarhynchos* Brehm, Vogelfang, p. 314, 1855 : Morgenlande.
- Actitis cinclus major, minor* Hartert, Vög. Paläark. Fauna, vol. ii, p. 1623, 1921, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nomina nuda* as synonyms.

Tringa glareola Linn.

- Tringa glareola* Linn., Syst. Nat., 10th ed., vol. i, p. 149, Jan. 1758 : Sweden, Europe.
- Tringa grallatoris* Montagu, Suppl. Orn. Dict., App. S, 1813 ; new name for *T. glareola* Linn.
- Totanus affinis* Horsf., Trans. Linn. Soc., vol. xiii, pt. i, p. 191, May 1821 : Java.

Totanus sylvestris Brehm, Handb. Vög. Deutschl., p. 638, 1831 : Germany.

Totanus palustris id., ibid., p. 639 : Germany.

Totanus kuhlii id., ibid., p. 641 : Java.

Totanus glareoides Gray, Cat. Birds Nepal, p. 138, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Rhyacophilus glareola picturata Mathews, Bull. B. O. C., vol. xxxvi, p. 82, 1916 : North-West Australia.

Totanus glareola vulgaris Hartert, Vög. Paläarkt. Fauna, vol. ii, p. 1620, 1921, ex A. E. Brehm, Verz. Samml., p. 12, 1866, *nom. nud.*, as synonym.

Tringa totanus Linn.

Tringa totanus totanus Linn.

Scolopax totanus Linn., Syst. Nat., 10th ed., vol. i, p. 145, Jan. 1758 : Sweden, Europe.

Scolopax calidris id., ibid., 12th ed., vol. i, p. 245, 1766.

Tringa striata id., ibid., p. 248.

Totanus littoralis Brehm, Handb. Vög. Deutschl., p. 636, 1831.

Totanus græucus id., Vogelfang, p. 312, 1855.

Totanus meridionalis id., ibid.

Totanus totanus eurhinus Oberholser, Proc. U.S. Nat. Mus., vol. xxii, p. 207, 1900 : Ladak.

Tringa totanus terignotæ Meinertz.

Totanus totanus terignotæ Meinertz., Bull. B. O. C., vol. xlvi, p. 85, 1926 : Koku Nor.

Tringa erythropus Vroeg.

Scolopax erythropus Vroeg, Cat. d'Ois. Adumb., p. 6, 1764 : Holland.

Scolopax fusca Linn., Syst. Nat., 12th ed., vol. i, p. 243, 1766 ; not *Scolopax fusca* Linn., 1758.

Scolopax maculata Tunstall, Orn. Brit., p. 3, 1771 : Great Britain.

Scolopax cantabridgiensis Latham, Gen. Synop. Birds, Suppl., p. 292, 1787 : Cambridge, England.

Tringa atra Gmelin, Syst. Nat., vol. i, pt. ii, p. 673, 1789 : Rhine.

Scolopax natans Otto, Übers. v. Buffon., vol. xxvi, p. 234, 1797.

Tringa longipes Leisler, Nacht. z. Bechst. Nat., p. 189, 1812 ; new name only.

Totanus raii Forster, Synop. Cat. Birds, p. 23, 1817 ; new name only.

Totanus fuscus indicus Reichenbach, Novit. Syn. Av., Grall., 1851 ; new name for illustration in Hardwicke's Illustr. Ind. Zool., pl. 53.

Genus GLOTTIS.

Glottis Koch, Syst. Zool., pp. 42, 304, 1816.

Type by mon., *Scolopax nebularia* Gunnerus.

Limicula Forster, Synop. Cat. Brit. Birds, p. 23, 1817.

Type by mon., *Scolopax nebularia* Gunnerus.

Not *Limicula* Vieillot, 1816.

Limosa Stephens in Shaw's Gen. Zool., vol. xii, pt. i, p. 85, 1824.

Type by mon., *Scolopax nebularia* Gunnerus.

Not *Limosa* Brisson, 1760.

Nea Billberg, Synop. Faun. Scand., vol. i (2), tab. A, p. 155, 1828.

Type by orig. desig., *S. nebularia* Gunnerus.

Pseudototanus Hume, Str. Feath., vol. vii, p. 489, 1878.

Type by mon., *Totanus haughtoni* Armstrong.

Pseudoglottis Stejneger, Zeitschr. Ges. Orn., vol. i, p. 223, 1884.

Type by orig. desig., *Totanus guttifer* Nordmann.

Glottis nebularia Gunnerus.

Scolopax nebularia Gunnerus in Leem's Beskr. Finmark. Lapp., p. 251, note, 1767 : Norway, Europe.

Scolopax cineracea Latham, Gen. Synop. Suppl., vol. i, p. 292, 1787 : Lincolnshire, England.

Scolopax canescens Gmelin, Syst. Nat., vol. i, pt. ii, p. 668, 1789 ; same as preceding.

Limosa varia Dumont in Levrault's Dict. Sci. Nat. vol. iv, p. 64, 1805 : Europe.

Totanus griseus Bechstein, Gemein. Naturg. Deutschl., vol. iv, p. 231, 1809 : Germany.

Totanus fistulans id.. ibid., p. 241 : Germany.

Totanus chloropus Meyer & Wolf, Taschenb. Vög. Deutschl., p. 371, 1810 : Germany.

Glottis natans Koch, Syst. baier. Zool., pp. 42, 305, 1816 ; new name only.

Limicula glottis Forster, Synop. Cat. Birds, p. 23, 1817 ; new name only.

Totanus longipes Brehm, Beitr. z. Vög., vol. iii, p. 517, 1822 : Shores of Baltic Sea.

Totanus glottoides Gould, Century of Birds, pl. 76, 1831 : Vigors P. Z. S., 1831, p. 173, Mch. 2, 1832 : Himalayas.

Glottis floridanus Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer., p. 51, 1838 : Florida, N. America.

Glottis vigorsii Gray, List Spec. Birds Brit. Mus., vol. iii, sect. i, p. 99, 1844 ; new name for *T. glottoides* Vigors.

Glottis albicollis Brehm, Isis, 1845, col. 352 ; new name for preceding.

Glottis nivigula Gray, Cat. Birds Nepal, p. 156, p. 138, *nom. nud.*, 1846, ex *Totanus nivigula* Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*: Nepal.

Glottis linnei Malm, Göteb. och Bohus. Fauna, p. 278, 1877; new name only.

Glottis nebularius georgi Mathews, Austral Av. Rec., vol. ii, p. 126, 1915: New South Wales.

Glottis guttifer Nordmann.

Totanus guttifer Nordmann in Erman's Reise Erde Naturh., p. 17, 1835: Okhotock.

Totanus haughtoni Armstrong, Str. Feath., vol. iv, p. 344, 1876: delta of the Irawaddy.

Genus PHILOMACHUS.

Philomachus (Anon.), Allg. Lit. Zeit., 1804 (2), p. 168, col. 542.

Type by mon., *Tringa pugnax* Linn.

Machetes Cuvier, Règne Anim., vol. i, p. 490, 1817=1816.

Type by mon., *T. pugnax* Linn.

Pavoncella Forster, Synop. Cat. Brit. Birds, p. 23, 1817.

Type by mon., *T. pugnax* Linn.

Philomachus Gray, List Gen. Birds, 2nd. ed., p. 89, 1841, ex Moehring.

Type by orig. desig., *T. pugnax* Linn.

Machophilus Thienemann, Rhea, heft i. p. 117, 1846; new name for *Machetes* Cuvier.

Pavia Gray, Cat. Birds Nepal, p. 146, 1846, ex Hodgs. MS.

Type by mon., *T. pugnax* Linn.

Philomachus pugnax Linn.

Tringa pugnax Linn., Syst. Nat., 10th ed., vol. i, p. 148, Jan. 1758: Sweden, Europe.

Tringa grenovicensis Latham, Gen. Synops. Suppl., vol. i, p. 293, 1787: Greenwich, England.

Tringa equestris Latham, Index Orn., vol. ii, p. 730, 1790: Europe.

Tringa rufescens Bechstein, Gen. Nat. Deutch, vol. iv, p. 332, 1809: Schleswig, Europe.

Machetes alticeps Brehm, Handb. Vög. Deutschl., p. 670, 1831: Germany.

Machetes planiceps id., ibid., p. 671.

Totanus indicus Gray in Hardwicke's Illustr. Ind. Zool., vol. ii, pl. 52, fig. 1, 1834: India.

- Limosa hardwickii* Gray in Hardwicke's Illustr. Ind. Zool., vol. ii, pl. 52, fig. 2: India.
- Machetes variabilis* C. T. Wood, Orn. Guide, p. 203, 1836; new name only.
- Machetes optatus* Gray, Cat. Birds Nepal, p. 140, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.
- Pavia optata* id., ibid., as synonym, ex Hodgs., Orient. Quart., 1828?
- Machetes minor* Brehm, Vogelfang, p. 320, 1855: Baltic Sea.
- Pavoncella pugnax leucoprora* Finn, J. A. S. B., vol. lxxi, p. 84, 1902: India.
- Machetes pugnax communis* Hartert, Vög. Palaark. Fauna, vol. ii, p. 1594, 1920, ex. A. E. Brehm, Verz. Samml., p. 13, 1866; *nom. nud.*, as synonym.

Subfamily EROLIINÆ.

Genus CROCETHIA.

Crocethia Billberg, Synops. Faun. Scand., vol. i (2), tab. A, p. 132, 1828; new name for *Calidris* Illiger.

Type by mon., *Tringa alba* Vroeg.

Arenaria Bechstein, Orn. Taschenb., vol. ii, p. 462, A, 1803.

Type by mon., *Tringa alba* Vroeg.

Not *Arenaria* Brisson, 1760.

Calidris Illiger, Prodr. Mamm. et Av., p. 249, 1811.

Type by mon., *Tringa alba* Vroeg.

Not *Calidris* Anon., 1804.

Calidris Cuvier, Règne Anim., vol. i, p. 529, 1817=1816, ex Cuvier, Leçon. Comp. Anat., vol. i, tab. i, 1799–1800, *nom. nud.*

Morinellus Gray, List Gen. Birds, 2nd. ed., p. 90, 1841, as synonym.

Crocethia alba Vroeg.

Trynga alba Vroeg, Cat. d'Ois. Adumb., p. 7, 1764: coast of North Sea, Holland.

Tringa arenariu Linn., Syst. Nat., 12th ed., vol. i, p. 251, 1766: Sweden, Europe.

Charadrius calidris id., ibid., p. 255, 1766: Europe.

Charadrius rubidus Gmelin, Syst. Nat. vol. i, pt. ii, p. 688, 1789: Hudson Bay, America.

Arenaria vulgaris Bechstein, Orn. Taschenb., vol. ii, p. 462, 1803; new name only.

Arenaria grisea Bechstein, Gen. Nat. Deutschl., vol. iv, p. 368, 1809; new name only.

- Calidris tringoides* Vieillot, Gal. Ois., vol. ii, p. 95, pl. 234, 1825; new name only.
- Trynga tridactyla* Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 198, 1811-27; new name only.
- Calidris americana* Brehm, Handb. Vög. Deutschl., p. 675, 1831: America.
- Calidris mulleri* Brehm, Vogelfang, p. 318, 1855: Greece.
- Calidris leucophaea* Ames, O.U. Comm. Auk. 1908, p. 367, ex following:—
- Tringa leucophaea* Vroeg, Cat., p. 32, 1764, rejected as non-binomial.
- Arenaria leucophaea carteri* Mathews, Emu, vol. xvi, p. 35, 1916: Mid-West Australia.

Genus EURYNORHYNCHUS.

- Eurynorhynchus* Nilsson, Orn. Suecica, vol. ii, p. 29, 1821.
Type by mon., *E. griseus* Nilsson = *P. pygmaea* Linn.

Eurynorhynchus pygmeus Linn.

- Platalea pygmaea* Linn., Syst. Nat., 10th ed., vol. i, pt. 40, Jan. 1758: Surinam.
- Eurynorhynchus griseus* Nilsson, Orn. Suecica, vol. ii, p. 29, 1829; new name only.
- Eurynorhynchus orientalis* Blyth, Ann. Mag. Nat. Hist., vol. xiii, p. 179, March 1844: near Calcutta.

Genus EROLIA.

- Erolia* Vieillot, Anal. Nov. Orn., p. 55, Apl. 1816.
Type by mon., *E. variegata* Veill. = *T. ferruginea* Brünn.
- Cinclus* Anon., Allg. Lit. Zeit., 1804, vol. ii, no. 168, col. 542.
Type by taut., *Tringa alpina* Linn.
Not *Cinclus* Borkhausen, 1791.
- Pelidna* Cuvier, Règne Anim., vol. i, p. 460, 1817 = Dec. 1816.
Type by mon., *T. alpina* Linn.
- Falcinellus* id., ibid., p. 486, 1817 = Dec. 1816.
Type by mon., *Scolopax subarquata* Güldenstadt.
Not *Falcinellus* Vieillot, April 1816.
- Pisobia* Billberg, Synop. Fauna. Scand., vol. i (2), p. 136, 1828.
Type by mon., *Tringa minuta* Leisler.
- Leimonites* Kaup, Skizz. Entwick. Nat. Syst., p. 37, 1829.
Type by mon., *Tringa temminckii* Leisler.
- Ancylochenilus* id., ibid., p. 50, 1829.
Type by mon., *S. subarquata* Güldenstadt.

Actodromas Kaup, Skizz. Entwick. Nat. Syst., p. 55, 1829.

Type by mon., *Tringa minuta* Leisler.

Acrolia Temm. & Laug., Planch. Color. d'Ois., pl. 510, note, 1830 ; error for *Erolia* only.

Tringa Gray, 1840, and most authors since.

Schaeniclus Gray, List Gen. Birds, 2nd. ed., p. 89, 1841, ex Moehring.

Type by orig. desig., *Tringa alpina* Linn.

Arquatella Baird, Rep. Pacific Railroad Surv., vol. ix, pp. 714-17, 1858.

Type by orig. desig., *Tringa maritima* Brünnich.

Heteropygia Coues, Proc. Acad. Nat. Sci. Philad., p. 190, 1861.

Type by orig. desig., *Tringa fuscicollis* Vieillot.

Delopygia id., ibid., p. 190, note ; alternative name only.

Limnocinculus Gould, Handb. Birds Austral., vol. ii, p. 254, 1865.

Type by orig. desig., *Totanus acuminatus* Horsf.

Actia Heine & Reich., Nomencl. Mus. Hein., p. 329, 1890 ; new name for *Arguatella* Baird.

Neopisobia Mathews, Birds Austral., vol. iii, p. 245, 1913.

Type by orig. desig., *Tringa subminuta* Middendorff.

Erolia minuta minuta Leisler.

Tringa minuta Leisler, Nach. zu Bechst. Nat. Deutsch., p. 34, 1812 : Germany.

Pelidna pusilla Brehm, Handb. Vög. Deutschl., p. 666, 1831 : Germany ; not *Scolopax pusilla* Falk, 1786.

Tringa minuta orientalis Taczanowski, Bull. Soc. Zool. France, 1885, p. 475, nom. nud. ; Mem. Acad. Petersb., vol. xxxix, 1898 : Russia.

Pelidna germanica, parva, Hartert, Vög. Paläark. Fauna, vol. ii, p. 1577, 1920, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nomina nuda*, as synonym.

Erolia minuta ruficollis Pallas.

Trynga ruficollis Pallas, Reise Russ. Reichs, vol. iii, p. 700, 1776 : Siberia.

Tringa albescens Temm. & Laug., Planch. Color. d'Ois., livr. 7, Feb. 1821 : Australia.

Totanus damacensis Horsf., Trans. Linn. Soc. vol. xiii, pt. 1, p. 192, May 1821 : Java.

Trynga salina Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 199, 1811-27 : Mongolia.

Calidris australis Lesson, Traité d'Orn., p. 558, 1831, ex Cuvier MS ; new name only.

Erolia subminuta Middendorff.

Tringa subminuta Middendorff, Sibirische Reise, vol. ii (2), p. 222, 1851 : Siberia.

Pisobia subminuta boweri Mathews, Emu, vol. xvi, p. 35, 1916 : North-West Australia.

Tringa, Leimonites, Pisobia damacensis of recent authors.

Erolia temminckii Leisler.

Tringa temminckii Leisler, Nacht. zu Bechst. Nat. Deutsch., p. 63, 1812 : Germany.

Pelidna pygmaea Brehm, Handb. Vög. Deutchl., p. 667, 1831 : Baltic Sea.

Pelidna gracilis Brehm, Vogelfang, p. 318, 1855 : Upper Egypt.

Erolia acuminata Horsf.

Totanus acuminatus Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 192, May 1821 : Java.

Tringa australis Jardine & Selby, Illustr. Orn., vol. ii, p. 91, 1830 : New Holland ; not *Tringa australis* Gmelin, 1789.

Limnocinclus acuminatus rufescens Mathews, Bull. B. O. C., vol. xxxvi, p. 82, 1916 : North-West Australia.

Erolia testacea Pallas.

Scolopax testacea Pallas in Vroeg's Cat. d'Ois. Adum., p. 6, 1764 : Holland.

Scolopax subarquata Güldenstadt, Nov. Comm. Acad. Petrop., vol. xix, p. 471, 1774 : Caspian Sea.

Tringa ferruginea Brünnich, Orn. Bor., p. 53, 1874 : Iceland.

Numenius pygmæus Latham, Gen. Synop. Birds, Supp., vol. i, p. 291, 1787 : England.

Scolopax africana Gmelin, Syst. Nat., vol. i, pt. ii, p. 655, 1789 : Cape of Good Hope.

Scolopax pygmea id., ibid. : Belgium.

Scolopax dethardingii Siemssen, Handb. Meckl. Land- u. Wass., p. 169, 1794 : Mecklenberg.

Numenius variabilis Bechstein, Gem. Nat. Deutsch., vol. iv, p. 141, pl. 28, fig. 1, 1809.

Tringa macrorhyncha Brehm, Beitr. zur Vög., vol. iii, p. 333, 1822 : Germany.

Erolia variegata Vieillot, Anal. Nouv. Orn., p. 69, 1816 : Africa.

Fulcinellus cursorius Temm. & Laug., Plan. Color. d'Ois., pl. 510, 1830 : South Africa.

Tringa (Pelidna) chinensis Gray, Zool. Misc., p. 2, 1831: China.
Falcinellus cuvieri Bonaparte, Geog. Comp. List Birds Eur. & N. Amer., p. 50, 1838: new name only.
Pelidna arquata Brehm, Vogelfang, p. 316, 1855; N.E. Africa.
Erolia ferruginea wilsoni Mathews, Austral Av. Rec., vol. iii, p. 90, 1917: South-West Australia.
Pelidna subarguata vera Hartert, Vög. Paläark. Faun., vol. ii, p. 1573, 1920, ex A. E. Brehm, Verz. Samml., p. 13, 1866, nom. nud.

Erolia alpina alpina Linn.

Tringa alpina Linn., Syst. Nat., 10th ed., vol. i, p. 149, Jan. 1758: Lapland, Europe.
Scolopax pusilla Falk, Beytrage Kennt. Russ. Reichs, vol. iii, p. 371, 1786: Tomsk, West Siberia.

Genus CALIDRIS.

Calidris Anon., Allg. Lit. Zeit. (2), p. 168, 1804, col. 542.
 Type by taut., *Tringa canutus* Linn.
Canutus id., ibid.
 Type by mon., "Knot" = *T. canutus* Linn.
Calidris Cuvier, Règne Anim., vol. i, p. 459, 1817 = Dec. 1816.
Canutus Brehm, Handb. Vög. Deutschl. p. 653, 1831.
 Type by taut., *Tringa canutus* Linn.
Tringa Gray, List Gen. Birds, 1st ed., p. 69, 1840.
 Type by orig. desig., *T. canutus* Linn.

Calidris canutus canutus Linn.

Tringa canutus Linn., Syst. Nat., 10th ed., vol. i, p. 149, 1758:
 Sweden.
Tringa cinerea Brunn., Orn. Bor., p. 50, no. 179, 1764.

Calidris tenuirostris Horsf.

Totanus tenuirostris Horsf., Trans. Linn. Soc., vol. xiii, p. 192, May 1821: Java.
Schæniclus magnus Gould, P. Z. S. p. 39, Nov. 14, 1848: Australia.
Tringa crassirostris Temm. & Schleg., Faun. Japon., pl. 64, 1849: Japan.

Genus **LIMICOLA**.

Limicola Koch, Syst. baier. Zool., p. 316, July 1816.

Type by mon., *Scolopax falcinellus* Pontoppidan.

Not *Limicula* Vieillot, Apl. 1816.

Platyrhamphus Billberg, Synop. Faun. Scand. vol. i (2), tab. A, p. 172, 1828.

Type by mon., *S. falcinellus* Pontoppidan.

Fulcinellus Kaup, Skizz. Entwickl. Nat. Syst., p. 37, 1829.

Type by taut., *S. falcinellus* Pontoppidan.

Not *Falcinellus* Vieillot, 1816.

Limicola falcinella Pontoppidan.**Limicola falcinella falcinella** Pontoppidan.

Scolopax falcinellus Pontoppidan, Danske Atlas, vol. i, p. 623, 1763: Denmark.

Scolopax falcinellus Brünnich, Orn. Bor., p. 49, 1764.

Numenius pygmæus Bechstein, Orn. Taschenb., vol. ii, p. 277, 1803: not of Latham, 1787.

Numenius pusillus id., Gem. Nat. Deutschenb., vol. iv, p. 152, 1809: Germany.

Tringa platyrhinchus Temm., Man. d'Orn., p. 398, 1815: North Europe.

Tringa eloroides Vieillot, Nouv. Dict. d'Hist. Nat., nouv. ed., vol. xxxiv, p. 463, 1819.

Pelidna megrirhynchos Brehm, Vogelfang, p. 317, 1855: Africa.

Limicola hartlaubi Verreaux in Vanson's Voy. Madag. Ann., p. 5, 1865: Madagascar.

Limicola pygmaea mediua, ? *americanus*, *recurvirostra* Hartert, Vög. Paläarkt. Faun., vol. ii, p. 1601, 1921, ex A. E. Brehm, Verz. Samml. p. 13, 1866, *nomina nuda*, as synonyms.

Limicola falcinella sibirica Dresser.

Limicola sibirica Dresser, P. Z. S., Oct. 1, 1876, p. 67: China.

Limicola falcinellus rogersi Mathews, Austral Av. Rec., vol. iii, p. 70, 1917: Melville Island, North Australia.

Subfamily PHALAROPINÆ.

Genus **PHALAROPUS**.

Phalaropus Brisson, Orn., vol. i, p. 50, vol. vi, p. 12, 1760.

Type by taut., *Tringa fulicaria* Linn.

Crymophilus Vieillot, An. nom. Orn., p. 62, 1816.

Type by mon., *Tringa fulicaria* Linn.

Phalaropus fulicarius Linn.

(*Tringa fulicaria* Linn., Syst. Nat., 10th ed., vol. i, p. 148, Jan. 1758 : Hudson Bay, North America.)

Phalaropus fulicarius jourdaini Iredale.

Phalaropus fulicarius jourdaini Iredale, Bull., B. O. C., vol. lxii, p. 8, 1922 : Spitzbergen.

Genus **LOBIPES**.

Lobipes Cuvier, Règne Anim., vol. i, p. 495, 1817 = Dec. 1816.
Type by taut., *T. lobata* Linn.

Lobipes lobatus Linn.

Tringa tobata (error in type only, corrected, p. 824, to *lobata*) Linn., Syst. Nat., 10th ed., vol. i, p. 148, Jan. 1758 : Hudson Bay, N. America.

Tringa hyperborea id. ibid., 12th ed., vol. i, p. 249, 1766 : Hudson Bay, N. America.

Tringa fusca Gmelin, Syst. Nat., vol. i, pt. ii, p. 675, 1789 : America.

Phalaropus vulgaris Bechstein, Orn. Taschenb., vol. ii, p. 317, 1803 ; new name for *T. hyperborea* Linn.

Phalaropus williamsii Simmonds, Trans. Linn. Soc., vol. viii, p. 264, 1807 : Orkney Isles.

Phalaropus cinereus Meyer & Wolf, Taschenb. Vög. Deutsch., vol. ii, p. 417, pl. 1810 ; new name only.

Tringa rubra Perry, Arcana, pl. 50, 1811 : Stockport, England.

Phalaropus ruficollis Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 203, 1811-27 ; new name only.

Phalaropus cinerascens id., ibid., p. 204 ; new name.

Phalaropus angustirostris Naumann, Vög. Deutsch., vol. viii, p. 240, pl. 205, 1836 ; new name only.

Phalaropus australis Schlegel, Mus. de Pays-Bas, vol. v, *Scolopaces*, p. 58, 1865, ex Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xliii, p. 421, 1856, *nom. nud.* as synonym.

Phalaropus moluccensis Schlegel, Mus. de Pays-Bas, vol. v, *Scolopaces*, p. 59, 1865, ex Temm. MS., as synonym.

Phalaropus asiaticus Hume, Str. Feath., vol. i, p. 246, 1872 : near Muscat.

Lobipes tropicus id., ibid., p. 247 : Kurrachee.

Subfamily SCOLOPACINÆ.

Genus SCOLOPAX.

Scolopax Linn., Syst. Nat., 10th ed., p. 145, Jan. 1758.

Type by mon., *S. rusticola* Linn.

Rusticola Vieillot, Anal. nouv. Orn., p. 56, 1816; id., Nouv. Dict. d'Hist. Nat., nouv. ed., vol. iii, p. 348, 1816.

Type by taut., *S. rusticola* Linn.

Parascolopax Mathews, Birds Austral., vol. iii, p. 290, 1913.

Type by orig. desig., *S. saturata* Hodgs.

Scolopax rusticola Linn.*Scolopax rusticola rusticola* Linn.

Scolopax rusticola Linn., Syst. Nat., 10th ed., vol. i, p. 145, Jan. 1758: Sweden, Europe.

Rusticola vulgaris Vieillot, Nouv. Dict. d'Hist. Nat., nouv. ed., vol. iii, p. 348, 1816; new name only.

Scolopax major Forster, Synop. Cat. Brit. Birds, p. 22, 1817; new name for *S. rusticola* Linn.

Scolopax pinetorum Brehm, Handb. Vög. Deutschl., p. 613, 1831: Germany.

Scolopax sylvestris id., ibid., p. 614: Germany.

Rusticola europaea Lesson, Traité d'Orn., p. 555, 1831; new name only.

Scolopax indicus Hodgs., J. A. S. B., vol. vi, p. 490, 1837: Nepal.

Scolopax communis Selby, Cat. Gen. Subgen. Types, p. 43, 1840.

Scolopax plutyura Brehm, Isis, 1845, col. 353: Egypt.

Scolopax torquata Brehm, Vogelfang, p. 304, 1855: Germany.

Scolopax orientalis id., ibid.: Morgenland.

Scolopax scoparia Bouaparte, Orn. Roma, 1820.

Scolopax rusticola micropus Hartert, Vög. Paläark. Fauna, vol. ii, p. 1652, 1921, ex A. E. Brehm, Verz. Samml. p. 13, 1866, *nom. nud.*, as synonym.

Genus CAPELLA.

Capella Frenzel, Beschr. Vög. Witten., p. 58, 1801.

Type by mon., *S. gallinago* Linn.

Gallinago Koch, Syst. baier. Zool., p. 312, 1816.

Type by taut., *S. gallinago* Linn.

Telmatias Boie, Isis, 1826, col. 979.

Type by mon., *S. gallinago* Linn.

Pelorychus Kaup, Skizz. Entwick. Nat. Syst., p. 119, 1829.

Type by mon., *S. brehmii* Kaup.

Enalius id., ibid., p. 119, 1829.

Type by mon., *S. sabini* Vigors.

Nemoricola Hodgs., J. A. S. B., vol. vi, p. 491, 1837.

Type by taut., *Gallinago nemoricola* Hodgs.

Ascalopax Keyserling & Blasius, Die Wirbelth. Europa's, p. 216, 1840.

Stenura Reichenb., Novit. Synops. Av., no. 5, July 1, 1851, ex Temm.

Type by taut., *G. stenura* Bonaparte.

Spilura Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlili, p. 579, 1856.

Type by mon., *C. stenura* Bonaparte.

Odura Meves. P. Z. S., 1858, p. 201.

Type by mon., *S. gallinago* Linn.

Numenius Gray, List Gen. Birds, 2nd ed., p. 90, 1841, ex Bonaparte, 1855, as synonym of *Spilura* Bonaparte, 1856.

Ditelmatias Mathews, Birds Austral., vol. iii, p. 282, 1913.

Neospilura id., ibid., p. 293.

Type by orig. desig., *Gallinago solitaria* Hodgs.

Subspilura id., ibid., p. 295.

Type by orig. desig., *Gallinago megala* Swinhoe.

(*Xylocota*, *Homoptilura*, *Chubbia*, *Homoscolopax*, *Eugallinago*, *Odurella*, and *Macroductra*: American forms.)

Capella nemoricola Hodgs.

Gallinago nemoricola Hodgs., P. Z. S., April 9, 1836, p. 8: Nepal.

Scolopax gallinago Hodgs., Gleanings Sci., vol. iii, no. 32, new series, no. 7, p. 240, Aug. 1831: Nepal; not *Scolopax gallinago* Linn., 1758.

Nemoricola nipalensis Hodgs., J. A. S. B., vol. vi, p. 491, June 1837; alternative name for *G. nemoricola* Hodgs.

Capella solitaria Hodgs.

Gallinago solitaria Hodgs., Glean. Sci., vol. iii, no. 32, ex MS., no. 7, p. 238, Aug. 1831: Nepal.

Scolopax hyemalis Eversmann, Bull. Soc. Imp. Nat. Moscow, vol. xlili (1), p. 257, pl. vi, 1845: Altai.

Spilura solitaria var. *japonica* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlili, p. 579, 1856; new name for *S. solitaria* Schleg., from Japan.

Capella gallinago Linn.

Capella gallinago gallinago Linn.

Scolopax gallinago Linn., Syst. Nat., 10th ed., vol. i, p. 147, Jan. 1758: Sweden, Europe.

- Scolopax gallinaria* O. F. Müller, Zool. Dan. Prodr., p. 23, 1776: Finland.
Scolopax celestis Frenzel, Besch. Vog. Wittenb., 1801, p. 58.
Scolopax brehmii Kaup, Isis, 1823, col. 1147: Germany.
Scopolax sahini Vigors, Trans. Linn. Soc., vol. xiv, p. 557, pl., 1825: Ireland.
Gallinago media Forster, Synop. Cat. Brit. Birds, p. 22, 1817; new name for *S. gallinago* Linn.; not *G. media* Latham, *Telmatias stagnatilis* id., ibid., p. 618: Germany.
Telmatias septentrionalis id., ibid., p. 619: Germany.
Telmatias peregrina id., ibid., p. 621: Germany.
Scolopax delamottii Baillon, Mem. Soc. d'Emul. Abbeville, p. 71, 1834: North France.
Scolopax pygmaea id., ibid.: France.
Gallinago uniclavus Hodgs., J. A. S. B., vol. v, p. 492, 1837: Nepal.
Gallinago scolopacinus Bonaparte, Geogr. & Comp. List Birds Eur. & N. Amer., p. 52, 1838; new name for *S. gallinago* Linn.
Gallinago uniclavata Gray, Cat. Birds Nepal, p. 141, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.
Telmatias robusta Brehm, Vogelfang, p. 306, 1855: Germany.
Telmatias salicaria id., ibid.: Germany.
Telmatias pétényi id., ibid.: Hungary.
Telmatias lacustris id., ibid.: Mid-Germany.
Telmatias brachypus id., ibid.: Germany.
Gallinago scolopacinus var. *japonica* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 579, 1856, as synonyms.
Gallinago scolopacinus var. *nilotica* id., ibid.
Gallinago scolopacinus picta id., ibid., ex Hempr.
Gallinago scolopacinus aegyptia id., ibid.
Gallinago vulgaris Dubois, Pl. Col. Ois. Belg., pl. 182, 1858; new name only.
Gallinago latipennis Hartlaub, Orn. West Afr., p. 239, 1857, ex Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 579, 1856, *nom. nud.*: Gambia.
Telmatias gregaria communis, *crepitans*, *brachyrhynchus*, *rivalis*, *sylvestris*, *angusticauda*, *maculatipennis* Hartert, Vög. Paläark. Fauna, vol. ii, p. 1656, 1921, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nomina nuda*, as synonyms.

Capella gallinago raddii Buturlin.

Scolopax gallinago raddii Buturlin, Waders Russ. Em., p. 56, 1902: E. Siberia.

Capella media Latham.

Scolopax media Latham, Gen. Synops. Birds Suppl., vol. i, p. 292, 1787: England.

- Scolopax major* Gmelin, Syst. Nat., vol. i, pt. ii, p. 661, 1789 : England.
- Scolopax paludosa* Retzius, Faun. Suec., p. 173, 1800 : Sweden.
- Scolopax gallinacea* Dumont in Levrault's Dict. Sci. Nat., vol. iv, p. 202, 1805 ; new name only.
- Scolopax dupla* Guillemeau, Ess. Ois. Deux-Sèvres, p. 263, 1806.
- Scolopax palustris* Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 173, 1811-27 : North Russia
- Scolopax leucurus* Swainson, Faun. Bor.-Amer., Birds, p. 501, 1831=Feb. 1832 : Hudson Bay *in errore*.
- Telmatias nisoria* Brehm, Handb. Vög. Deutschl., p. 616, 1831 : Germany.
- Telmatias brachyptera* id., ibid., p. 1019 : Germany.
- Gallinago montagui* Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer., p. 52, 1838 ; new name only.
- Scolopax solitaria* Macgillivray, Man. Brit. Birds, vol. ii, p. 102, 1842 ; new name for *S. major* Gmelin.
- Telmatias uliginosa* Brehm, Vogelfang, p. 305, 1855.
- Gallinago major auctorum, alticeps* Hartert, Vög. Paläark. Fauna, vol. ii, p. 1661, 1921, ex A. E. Brehm, Verz. Samml. p. 13, 1866, *nomina nuda* as synonyms.

Capella megalा Swinhoe.

- Gallinago megalा* Swinhoe, Ibis, 1861, p. 343 : Pekin.
- Gallinago heterocerca* Cabanis, Jour. für Orn., 1870, p. 235 : Luzon.
- Gallinago heterocerca* id., ibid., 1872, p. 317 : Luzon.
- Gallinago dubia* Deichler, ibid., 1897, p. 152 : Japan.
- Gallinago australis oweni* Mathews, Nov. Zool., vol. xviii, p. 223, 1912 : North-West Australia.

Capella stenura Bonaparte.

- Scolopax stenura* Bonaparte, Ann. Stor. Nat. Bologna, vol. iv, p. 335, 1830, ex Kuhl MS. : Sunda Island.
- Scolopax horsfieldii* Gray, Zool. Misc., p. 2, Feb. 19, 1831 : China.
- Gallinago heterura* Hodgs., P.Z.S., April 9, 1836, p. 8 : Nepal.
- Gallinago biclavus* Hodgs., J.A.S.B., vol. vi, p. 491, June no., 1837 : Nepal.
- Gallinago biclavata* Gray, Cat. Birds Nepal, p. 141, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.
- Gallinago strenua* Gray, Cat. Birds Nepal, p. 141, 1846, as of Temm., *in errore*.

Scolopax pectinicauda Peale, U.S. Expl. Exped. Birds, vol. viii, p. 227, 1848: Singapore.

(*Spilura*) *stenoptera* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xliii, p. 579, 1856, as synonym, ex following:—

Telmatias stenoptera Boie, Isis, 1826, col. 979, ex Kuhl MS., *nom. nud.*

Genus LYMNOCRYPTES.

Lymnocryptes Kaup, Skizz. Entwick. Nat. Syst., p. 118, 1829.

Type by mon., *Scolopax minima* Brünnich.

Philolimnos Brehm, Handb. Vög. Deutschl., p. 622, 1831; same type.

Lymnocryptes minima Brünnich.

Scolopax minima Brünnich, Orn. Bör., p. 49, 1764: Europe.

Scolopax gallinula Linn., Syst. Nat., 12th ed., vol. i, p. 244, 1766: Europe.

Philolimnos stagnatilis Brehm, Handb. Vög. Deutschl., p. 623, 1831: Mid-Germany.

Philolimnos minor id., ibid., p. 624: Mid-Germany.

Philolimnos gallinula vera Hartert, Vög. Palaark. Fauna, vol. ii, p. 1669, 1921, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nom. nud.*, as synonym.

Order STEGANOPODES.

Family PELECANIDÆ.

Genus PELECANUS.

Pelecanus Linn., Syst. Nat., 10th ed., vol. i, p. 132, Jan. 1758.

Type by taut., *P. onocrotalus* Linn.

Onocrotalus Brisson, Orn., vol. i, p. 60, 1760.

Type by taut., *P. onocrotalus* Linn.

Leptopelicanus Reichenbach, Nat. Syst. Vög., p. 7, 1852–53.

Type by orig. desig., *P. fuscus* Gmelin.

Metapelecanus Roberts, Ann. Transvaal Museum, vol. viii, p. 206, 1922.

Type by orig. desig., *P. roseus* Gmelin.

Neopelecanus id., ibid.

Type by mon., *P. rufescens* Gmelin.

Pelecanus onocrotalus Linn.**Pelecanus onocrotalus onocrotalus Linn.**

Pelecanus onocrotalus Linn., Syst. Nat., 10th ed., vol. i, p. 132, Jan. 1758: Africa.

Pelecanus onocrotalus var. *orientalis* Linn., Syst. Nat., 12th ed., vol. i, p. 215, 1766: Africa.

Onocrotalus brissonii Children in Denham & Clapperton's Narr. Trav. & Disc., App., p. 205, 1826: Africa.

Onocrotalus phœnix Lesson, Man. d'Orn., vol. ii, p. 371, 1828; new name only.

Pelecanus major Brehm, Handb. Vög. Deutschl., p. 1019, 1831: Europe.

Pelecanus minor Rüppell, Mus. Senckenb., vol. ii, p. 186, 1837: Egypt; not *Pelecanus minor* Gmelin, 1789.

Pelecanus sharpei Bocage, P. Z. S., 1870, p. 173: Angola.

Pelecanus longirostris Hume, Str. Feath., vol. v, p. 491, 1877: Dacca, India.

Pelecanus onocrotalus roseus Gmelin.

Pelecanus roseus Gmelin, Syst. Nat., vol. i, pt. ii, p. 570, 1789: Manilla, Philippines.

Pelecanus crispus Bruch.

Pelecanus crispus Bruch, Isis, 1832, col. 1109: Dalmatia.

Pelecanus patagrinus Brehm, Vogelfang, p. 361, 1855: Greece.

Pelecanus philippensis Gmelin.

Pelecanus philippensis Gmelin, Syst. Nat., vol. i, pt. ii, p. 571, 1789: Philippine Islands.

Pelecanus gangeticus Hodg. in Gray's Zool. Misc., p. 86, 1844.

Pelecanus rufescens Hume, Str. Feath., vol. x, p. 490, 1887; not Gmelin, 1789.

Family PHALACROCORACIDÆ.**Subfamily PHALACROCORACINÆ.****Genus PHALACROCORAX.**

Phalacrocorax Brisson, Orn., vol. i, p. 60, vol. vi, p. 511, 1760.

Type by taut., *Pelecanus carbo* Linn.

Carbo Lacépède, Tabl. Ois., p. 15, 1799; Daudin in Buffon's Hist. Nat., ed. Didot, Quadr., vol. xiv, p. 318, 1802.

Type by taut., *Pelecanus carbo* Linn.

Halius Illiger, Prœdr. Mamm. et Av., p. 279, 1811; new name only.

- Carbonarius* Rafinesque, Anal. de la Nat., p. 72, 1815; new name for *Carbo* only.
- Hydrocorax* Vieillot, Anal. nouv. Orn., p. 63, 1816.
Type by mon., *P. carbo* Linn.
- Cormoranus* Baillon, Mem. Soc. Roy. Abbeville, p. 76, 1833-34.
Type by mon., *P. carbo* Linn.
- Grauculus* Gray, List. Gen. Birds, 2nd ed., p. 101, 1841.
Type by orig. desig., *P. carbo* Linn.
Not *Grauculus* Cuvier, 1816.
- Ecmeles* Gistel, Naturg. Thierr. Schul., p. 9, 1848; new name for *Hydrocorax* Vieillot.
- Hypoleucus* Reichenbach, Nat. Syst. Vög., p. 7, 1852-53.
Type by orig. desig., *Pelecanus varius* Gmelin.
- Urile* Bonaparte, Comp. Gen. Av., vol. ii, p. 175, 1856.
Type by taut., *P. urile* Gmelin.
- Leucocarbo* id., ibid., p. 176.
Type by orig. desig., *C. bougainvillae* Lesson.
- Microcarbo* id., Comptes Rendus Acad. Sci. Paris, vol. xlili, p. 577, Sept. 1856.
Type by orig. desig., *Pelecanus pygmaeus* Pallas.
- Haliator* Heine, Jour. für Orn., 1860, p. 202; new name for *Microcarbo* Bonaparte.
- Melanocarbo* Bernstein, Tijds. Taal-, Land- en Völkenk. Ned.-Ind., (iv), vol. vii, p. 119, 1883.
Type by mon., *H. melanoleucus* Vieillot.
- Compsophalieus* Ridgway, Water-Birds N. Amer., vol. ii, p. 145, 1884.
- Mesocarbo* Mathews & Iredale, Ibis, 1913, p. 415.
Type by orig. desig., *Carbo sulcirostris* Brandt.
- Pseudocarbo* Roberts, Ann. Transvaal Museum, vol. viii, p. 205, 1922.
Type by orig. desig., *P. capensis* Sparrman.
- Anacarbo* id., ibid., p. 205, 1922.
Type by orig. desig., *P. neglectus* Wahlberg.
- Graculus* Gray, Cat. Gen. Subgen. Birds, p. 133, 1855, ex Linn.
Type by orig. desig., *P. carbo* Linn.
- Pallasicarbo* Coues, Osprey, vol. iv, p. 144, 1899.
Type by orig. desig., *P. perspicillatus* Pallas.
- Dilophalieus* Coues, Key N. Amer. Birds 5th ed., vol. ii, p. 963, 1903.
Type by orig. desig., *C. auritus* Lesson.
- Viguacarbo* id., ibid., p. 965.
Type by orig. desig., *C. mexicanus* Bonaparte.
- Gulosus* Montagu, Orn. Dict. Suppl. Cat., end of vol., p. 5, 1813: new name for *P. cristatus* and *gracilis* Linn.
- Stictocarbo* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xli, p. 1115, 1855.
Type by mon., *P. punctatus* Sparrman.

Gripeus Heine & Reich., Nomen. Mus. Hein., p. 352, 1890 ; new name for *Graculus*, Reichen., 1853.

Type by orig. desig., *P. graculns*, Linn.

Erythroteres Heine & Reich., ibid., p. 355 ; new name for *Stictocarbo* Bonaparte.

Phalacrocorax carbo Linn.

(*Pelecanus carbo* Linn, Syst. Nat. 10th ed., vol. i, p. 133, Jan. 1758 : Sweden, Europe.)

Phalacrocorax carbo sinensis Shaw & Nodder.

Pelecanus sinensis Shaw & Nodder, Nat. Misc., vol. xiii, pl. 529, 1801 : China.

Phalacrocorax carbo subcormoranus Brehm, Ornith., vol. i, p. 42, 1824 : Holland.

Phalacrocorax carbo mediuss Nilsson, Scand. Faun., Foglarna, 2, p. 478, 1835 : Sweden.

Carbo albiventer Blyth, J. A. S. B., vol. xi, p. 463, 1842, ex Tickell MS. : India ; not *Carbo albiventer* Less., 1831.

Carbo raptensis Gray, Cat. Birds Nepal, p. 149, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Carbo leucocephala id., ibid., as synonym.

Carbo albicollis id., ibid., as of Tickell, *in errore*.

Carbo phalacrocorax var. *continentalis* Severtzoff, Turk. Jevotn., p. 70, 1873, *nom. nud.*

Phalacrocorax carbo danuvii Schuster, Mitt. ü. d. Vogelwelt, Wien, vol. v, p. 73, 1905, *nom. nud.*

Phalacrocorax carbo indicus Mathews, Birds Austral., vol. iv, p. 171 1915 : India ; not *H. pygmæus indicus* Reichenbach.

Phalacrocorax fuscicollis Stephens.

Phalacrocorax fuscicollis Stephens in Shaw's Gen. Zool., vol. xiii, (1), p. 91, 1825 : India.

Phalacrocorax niger Vieillot.

Hydrocorax niger Vieillot, Nouv. Dict. d'Hist. Nat., nouv. ed., vol. viii, p. 80, 1817 : India.

Carbo javanicus Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 197, May 1821 : Java.

Carbo melanognathos Brandt, Bull. Acad. Imp. Sci. St. Petersb., vol. iii, p. 57, 1837.

Graculus pygmæus indicus Reichenbach, Natatores, pl. xxxi, 1850.

Subfamily ANHINGINÆ.

Genus ANHINGA.

Anhinga Brisson, Orn. vol. i, p. 60; vol. vi, p. 476, 1760.

Type by taut., *Plotus anhinga* Linn.

Plotus Linn., Syst. Nat., 12th ed., vol. i, p. 218, 1766.

Type by mon., *P. anhinga* Linn.

Notoplotus Mathews, Birds Austral., Suppl., vol. i, p. 62, 1920.

Type by orig. desig., *Plotus novæhollandiae* Gould.

Anhinga melanogaster Pennant.

Anhinga melanogaster Pennant, Ind. Zool., p. 13, 1769 : India.

Family SULIDÆ.

Genus SULA.

Sula Brisson, Orn., vol. i, p. 90; vol. vi, p. 494, 1760.

Type by taut., *P. leucogaster* Boddaert.

Dysporus Illiger, Prodr. Mainm. et Av., p. 279, 1811; new name for *Sula* Brisson.

Sularius Rafinesque, Anal. de la Nat., p. 72, 1815; new name only.

Abeltera Heine & Reichenow, Nomencl. Mus. Hein., p. 351, 1890 ; new name only.

Piscatrix Reichenbach, Nat. Syst. Vög., p. 6, 1852-3.

Type by orig. desig., *P. candida* Stephen = *Pelecanus sula* Linn.

Hemisula Mathews, Austral Av. Rec., vol. ii, p. 55, 1913.

Type by orig. desig., *Sula leucogaster rogersi* Mathews,

Parasula Mathews, Austral Av. Rec., vol. ii, p. 55, 1913.

Type by orig. desig., *Sula dactylatra* Mathews.

Sula leucogaster Boddaert.

(*Pelecanus leucogaster* Boddaert, Tabl. Pl. Enlum., p. 57, 1783 : Cayenne, S. America.)

Sula leucogaster plotus Forster.

Pelecanus plotus Forster, Descr. Anim. (ed. Licht.), p. 278, 1844 : Near New Caledonia.

Sula leucogaster rogersi Mathews, Austral Av. Rec., vol. i, p. 189, 1913 : Bedout Is., North-West Australia.

Sula sula Linn.

(*Pelecanus sula* Linn., Syst. Nat., 12th ed., p. 218, 1766: Ascension Island, Atlantic Ocean.)

Sula sula rubripes Gould.

Sula rubripes Gould, Synops. Birds Austr., pt. iv, App., p. 7, 1838; "N.S.W.", Raine Is., N. Queensland.

Sula dactylatra Lesson.

(*Sula dactylatra* Lesson, Traité d'Orn., p. 601, 1831: Ascension Is., Atlantic Ocean.)

Sula dactylatra melanops Heuglin.

Sula melanops Heuglin, Isis, 1849, p. 351, pl. x, fig. 2: Red Sea.

Sula dactylatra personata Gould.

Sula personata Gould, P. Z. S., 1846, p. 21: Raine Is., N. Queensland.

Sula dactylatra bedouti Mathews, Austral Av. Rec., vol. i, p. 189. 1913: Bedout Is., N.W. Australia.

Family PHAETHONIDÆ.

Genus PHAETHON.

Phaethon Linn., Syst. Nat., 12th ed., vol. i, p. 134, Jan. 1758.

Type by sub. desig., Gray, 1820, *P. aethereus* Linn.

Lepturus Brisson, Orn., vol. i, p. 60; vol. vi, p. 479, 1760.

Type by taut., *P. aethereus* Linn.

Tripocophilus Stephens in Shaw's Gen. Zool., vol. xiii, pl. i, p. 122, 1826, ex Leach MS.

Type by orig. desig., *P. aethereus* Linn.

Lepturus Reichenbach, Nat. Syst. Vög., p. vii, 1852-53.

Type by orig. desig., *L. edwardsi* Brandt = *P. lepturus* Daudin.

Not *Lepturus* Brisson, 1760.

Phœnicurus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xli, p. 1115, 1855.

Type by mon., *P. rubicauda* Boddaert.

Not *Phœnicurus* Forster, 1817.

Leptophaëthon Mathews, Austral Av. Rec., vol. ii, p. 56, 1913.

Type by orig. desig., *P. lepturus dorotheæ* Mathews.
Scaeophaëthon id., ibid.

Type by orig. desig., *P. rubricauda westralis* Mathews.

Phaëthon indicus Hume.

Phaëthon indicus Hume, Str. Feath., vol. iv, p. 481, 1876 :
Mekran Coast.

Phaëthon rubricauda Boddaert.

Phaëthon rubricauda rubricauda Boddaert.

Phaëthon rubricauda Boddaert, Tabl. Pl. Enlum., p. 57, 1783 :
Mauritius.

Phaëton phœnicurus Gmelin, Syst. Nat., vol. i, pt. ii, p. 583, 1789 :
on same basis.

Phaëton erubescens Gray, List of Birds, vol. iii, p. 182, 1844, ex
Banks, Icon. ined., pl. 31.

Phaëthon lepturus Daudin.

Phaëthon lepturus lepturus Daudin.

Phaëton lepturus Daudin in Buffon's Hist. Nat., ed. Didot, Quadr.,
vol. xiv, p. 319, 1802 ; Mauritius.

Phaëton flavirostris Brandt, Bull. Acad. Sci. St. Petersb., vol. ii,
p. 349, 1837.

Phaëton edwardsii id., ibid., vol. v, pt. ii, p. 271, 1840.

Family FREGATIDÆ.

Genus FREGATA.

Fregata Lacépède, Tabl. Ois., p. 15, 1799, Daudin in Buffon's
Hist. Nat., ed. Didot, Quadr., vol. xiv, p. 317, 1802.

Type by mon., *Pelecanus minor* Gmelin.

Aquilus Bronn, Zur Angewandten Nat. u. Phys., p. 159, 1824.

Type by mon., *P. minor* Gmelin.

Atagen Gray, List Gen. Birds, 2nd ed., p. 101, 1841.

Type by orig. desig., *P. minor* Gmelin.

Not *Attagen* Kaup, 1829.

Parvifregata Mathews, Birds Austral., Suppl., vol. i, p. 64, 1920.

Type by orig. desig., *Attagen ariel* Gray.

Calonectris Mathews & Iredale, Ibis, 1915, p. 490.

Type by orig. desig., *Puffinus leucomelas* Temm. & Laug.
Microzalios, id., ibid., p. 597.

Type by orig. desig., *Puffinus nativitatis* Streets.
Cinathisna Hull, Emu, vol. xv, p. 205, 1916.

Type by orig. desig., *C. cynolenea*=*P. gavia* Forster.

Puffinus pacificus Gmelin.

(*Procellaria pacifica* Gmelin, Syst. Nat., vol. i, pt. ii, p. 560, 1789 : Pacific Ocean.)

Puffinus pacificus hamiltoni Mathews.

Puffinus pacificus hamiltoni Mathews, Birds Austral., vol. ii, p. 82, 1912 : Seychelles.

Puffinus tenuirostris Temm.

'**Puffinus tenuirostris tenuirostris** Temm.

Puffinus tenuirostris Temm., Planch. Color. d'Ois., pl. 990, list v, p. 287, 1835 : Japan.

Puffinus carneipes Gould.

Puffinus carneipes carneipes Gould.

Puffinus carneipes Gould, P. Z. S., 1844, p. 57 : Cape Leeuwin.

Puffinus leucomelas Temm.

Puffinus leucomelas Temm., Planch. Color. d'Ois., pl. 587, 1836 : Seas of Japan.

Puffinus persicus Hume.

Puffinus persicus Hume, Str. Feath., vol. i, p. 5, 1875 : Persian Gulf.

Genus **DAPTION**.

Daption Stephens in Shaw's Gen. Zool., vol. xiii (1), p. 239, 1826.

Type by orig. desig., *Procellaria capensis* Linn.
Calopetes Sundevall, Méth. Nat. Av. disp. Tent., p. 142, 1873 ; new name for *Daption* Stephens.
Petrella Mathews, Auk, 1914, p. 91, ex Zimmermann.
Type by mon., *P. capensis* Linn.

Daption capense Linn.

Procellaria capensis Linn., Syst. Nat., 10th ed., vol. i, p. 132, Jan. 1758: Cape Seas.

Daption capense australis Mathews, Austral Av. Rec., vol. i, p. 887, 1913: New Zealand Seas.

Order HERODIONES.**Suborder PLATALEÆ.****Family PLATALEIDÆ.****Genus PLATALEA.**

Platalea Brisson, Orn., vol. i, p. 48; vol. v, p. 351, 1760.

Type by taut., *P. leucorodia* Linn.

Spatherodia Reichenbach, Nat. Syst. Vögel, p. 16, 1852-53.

Type by orig. desig., *Platalea regia* Gould.

Leucerodia id., ibid.

Type by orig. desig., *Platalea nudifrons* Cuvier.

***Platalea leucorodia* Linn.**

(*Platalea leucorodia* Linn., Syst. Nat., 10th ed., vol. i, p. 139, Jan. 1758: Europe).

***Platalea leucorodia major* Temm. & Schleg.**

Platalea major Temm. & Schleg., Fauna Japon., Av., p. 119, pl. 75, 1849: Japan.

Platalea pyrrhops Gray, Cat. Birds Nepal, p. 135, 1846, ex Hodgs., Zool. Misc., p. 16, 1844, nom. *nud.*, as synonym of *P. leucorodia* Linn.

Family PLEGADIDÆ.**Genus THRESKIORNIS.**

Threskiornis Gray, Append. List Gen. Birds, p. 13, 1842.

Type by orig. desig., *Tantalus aethiopicus* Latham.

Sometimes spelt *Thresciornis* or *Thereschiornis*.

Threskiornis melanocephalus Latham.

Threskiornis melanocephalus melanocephalus Latham.

Tantalus melanocephalus Latham, Index Orn., vol. ii, p. 709, 1790: India.

Ibis macei Wagler, Syst. Av., *Ibis*, sp. 9, p. 368, 1827: Bengal.

Ibis leucon Temm. & Laug., Planch. Color. d'Ois., pl. 481, 1829: Java.

Ibis bengala Cuvier, Règne Anim., 2nd ed., vol. i, p. 520, 1829: Bengal.

Ibis aimolene Gray, Cat. Birds Nepal, p. 137, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Ibis propinqua Swinhoe, P. Z. S., 1870, p. 428: Canton.

Genus PSEUDIBIS.

Pseudibis Hodgs. in Gray's Zool. Misc., p. 86, 1844; Gray, Cat. Birds Nepal, p. 137, 1846.

Type by mon., *Ibis papillosa* Temm. & Laug.

Inocotis Reichenbach, Nat. Syst. Vög., p. 14, 1852-53.

Type by orig. desig., *Ibis papillosa* Rüppell.

Pseudibis papillosa Temm. & Laug.

Pseudibis papillosa papillosa Temm. & Laug.

Ibis papillosa Temm. & Laug., Planch. Color. d'Ois., pl. 304, 1824.

Ibis papillata Wagler, Syst. Av., *Ibis*, sp. 10, 1827; new name only.

Pseudibis papillosa davisoni Hume.

Geronticus davisoni Hume, Str. Feath., vol. iii, p. 300, 1875: Tenasserim.

Genus PLEGADIS.

Plegadis Kaup, Skizz. Entwick. Nat. Syst., p. 82, 1829.

Type by mon., *Tantalus falcinellus* Linn.

Tantalides Wagler, Isis, 1832, col. 1231.

Type by mon., *T. falcinellus* Linn.

Falcinellus Gray, List Gen. Birds, 2nd ed., p. 87, 1841.

Type by orig. desig., *T. falcinellus* Linn.; not of Vieillot, 1816.

Plegadornis Brehm, Naumannia, 1855, p. 290.

Type by mon., *T. falcinellus* Linn.

Egatheus Lönnberg, Jour. für Orn., 1906, p. 533; not of Billberg, 1828.

Plegadis falcinellus Linn.*Plegadis falcinellus falcinellus* Linn.

Tantalus falcinellus Linn., Syst. Nat., 12th ed., vol. i, p. 241, 1766 :
Austria, Europe.

(*Tringa autumnalis* Linn. is pre-Linnaean in usage, 1757, and
therefore not available.)

Scopopax rufa Scopoli, Annus I. Hist. Nat., p. 93, 1769 : Carniola.
Numenius igneus S. G. Gmelin, Reise. Russ., vol. i, p. 166, 1770 :
South Russia.

Numenius viridis id., ibid., p. 167 : South Russia.

Tantalus castaneus Müller, Natursyst. Suppl., p. 112, 1776 :
Donau

Ibis suora Temm., Man. d'Orn., 1st ed., p. 385, 1815 ; new name
only.

Tantalus mexicanus Ord, Jour. Philad. Acad., vol. i, p. 53, 1817 :
New Jersey.

Numenius chichi Dumont in Levrault's Dict. Sci. Nat., vol. xi,
p. 253, 1818 : Paraguay.

Ibis cuprea Brehm, Handb. Vögel Deutschl., p. 1018, 1831 :
Dalmatia.

Ibis ordi Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer.,
p. 49, 1838 ; new name for *T. mexicanus* Ord.

Fulcinellus bengalensis Bonaparte, Comp. Gen. Av., vol. ii, p. 158,
1855 : India.

Plegadornis major Brehm, Naumannia, 1855, p. 290, *nom. nud.*

Plegadornis minor id., ibid.

Fulcinellus erythrorhynchus Cabanis, Jour. für Orn., 1856, p. 349 :
Cuba.

Plegadornis falcinellus media Hartert, Vögel. Paläark. Fauna,
vol. ii, p. 1221, 1920, ex A. E. Brehm, Verz. Samml., p. 12,
1866, *nom. nud.*, as synonym.

Suborder CICONIÆ.

Family CICONIIDÆ

Genus CICONIA.

Ciconia Brisson, Orn., vol. i, p. 48 ; vol. v, p. 361, 1760.

Type by taut., *Ardea ciconia* Linn.

Melanopelargus Reichenbach, Nat. Syst. Vög., p. 16, 1852-53.

Type by orig. desig., *Ardea nigra* Linn.

Ciconia ciconia Linn.**Ciconia ciconia ciconia Linn.**

Ardea ciconia Linn., Syst. Nat., 10th ed., vol. i, p. 142, Jan. 1758 :
Sweden, Europe.

Ciconia alba Bechst., Gem. Natur. Deutchl., vol. iv, p. 82, 1793 ;
new name for *ciconia*.

Ciconia albescens, *Ciconia nivea*, *Ciconia candida* Brehm, Handb.
Natur. Deutschl., pp. 574, 575, 1831.

Ciconia major Brehm, Vögelfang, p. 291, 1855 : East Europe.

* *Ciconia alba asiatica* Severtzoff, Turkest. Jevotn., p. 145, 1873 :
Turkestan.

Ciconia albavar. major (*C. azretti*, sp. n.?) Dresser, Ibis, 1876,
p. 324, ex Severtzoff, Turkest. Jevotn., p. 68, 1873, *nom. nud.*,
as synonym.

Ciconia alba vulgaris, robusta, recurvirostra, leucomelas, gracilis,
pygmæa A. E. Brehm, 1866, *nomina nuda*, quoted by Hartert,
Vög. Paläark. Fauna, vol. ii, p. 1214, 1920.

Ciconia mycteriiorhyncha Dresser, Ibis, 1876, p. 324, ex Severtzoff
MS. ; new name for preceding.

Ciconia mycteriiorhyncha Severtzoff, Str. Feath., vol. iii, p. 431,
1875 ; apparently *nom. nud.*, as new name for *C. alba* var.
orientalis, *nom. nud.*

Ciconia ciconia boyciana Swinhoe.

Ciconia boyciana Swinhoe, P. Z. S., 1873, p. 513 : Yokohama,
Japan.

Ciconia nigra Linn.

Ardea nigra Linn., Syst. Nat., 10th ed., vol. i, p. 142, Jan. 1758 :
North Europe.

Ardea atra Gmelin, Syst. Nat., vol. i, pt. ii, p. 641, 1789 :
Schleswig.

Ardea chrysopelargus Lichtenstein, Cat. Rev. Nat. Hamb., p. 29,
1793 ; Kaffirland.

Ciconia fusca Brehm, Handb. Vögel Deutschl., p. 576, 1831 : North
Germany.

Ciconia nigra vera Hartert, Vög. Paläark. Fauna, vol. ii, p. 1215,
1914, ex A. E. Brehm, Verz. Samml., p. 12, 1866, *nom. nud.*,
as synonym.

* I cannot distinguish between *asiatica* and the typical form, so *asiatica*
becomes a synonym.

Genus DISSOURA.

Dissoura Cabanis, Preuss. Staats-Anzieger, Beilage, i, Sept. 1, 1850,
p. 1484 (*cf.* Decken's Reisen, vol. iii, p. 48, 1869).

Type by sub. desig., Sharpe, Cat. Birds Brit. Mus., vol. xxvi,
p. 294, 1898, *Ardea episcopus* Boddaert.

Dissoura episcopus Boddaert.*Dissoura episcopus episcopus* Boddaert.

Ardea episcopus Boddaert, Tabl. Pl. Enlum., pl. 504, 1783; for
Pl. Enl. 906: Coromandel.

Ardea leucocephala Gmelin, Syst. Nat., vol. i, pt. ii, p. 642, 1789;
same basis.

Ardea umbellata Wagler, Syst. Av., *Ardea*, sp. 11, 1827; new
name only.

Ciconia leucocephala? var. *bicolorata* Gray, Cat. Birds Nepal, p. 135,
1846, ex Hodgs., Zool. Misc., p. 86, 1884, *nom. nud.*, as
synonym.

Dissoura neglecta Finsch, Orn. Monatsb., 1904, p. 94: Java.

Genus XENORHYNCHUS.

Xenorhynchus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xl,
p. 721, 1855.

Type by mon., *Mycteria asiatica* Latham.

Xenorhynchus asiaticus Latham.*Xenorhynchus asiaticus asiaticus* Latham.

Mycteria asiatica Latham, Ind. Orn., vol. ii, p. 670, 1790: India.

Ardea indica id., ibid., p. 701: India.

Mycteria orientalis Shaw, Trans. Linn. Soc., vol. v, p. 34, 1800;
new name only.

Ciconia xenorhynchus Wagler, Syst. Av., *Ciconia*, sp. 7, late in
1827; new name only.

Genus LEPTOPTilos.

Leptoptilos Lesson, Traité d'Orn., p. 583, 1831.

Type by sub. desig., Gray, Subgen. Birds, 1st ed., p. 67, 1840,
Ardea dubia Gmelin.

Argala Hodgs., Ind. Rev., vol. ii, p. 563, 1838.

Type by taut., *Ardea argala* Lath.=*Ardea dubia* Gmelin.

Cranopelargus Gloger, Hand- u. Hilfsb., p. 417, 1842.

Type by sub. desig., Sharpe, 1898, *L. javanicus* Horsf.

Osteorophus Hodgs. in Gray's Zool. Misc., p. 86, 1844; Gray,
Cat. Birds Nepal, p. 136, 1846.

Type by mon., *Ardea dubia* Gmelin.

Leptoptilos dubius Gmelin.

- Ardea dubia* Gmelin, Syst. Nat., vol. i, pt. ii, p. 624, 1789 : India.
Ardea argalu Latham, Ind. Orn., vol. ii, p. 676, 1790 : India.
Ardea gigantea Forster in Pennant's Ind. Zool., p. 11, 1795,
 ? nom. nud. : India ; not of S. G. Gmelin.
Ciconia marabou Temm. & Laug., Planch. Color. d'Ois., pl. 300 ;
 new name only.
Ciconia nudifrons McClelland, Ind. Rev., 1838, p. 512, pl. fig. 1.
Argula immigratoria Hodgs., Ind. Rev., 1838, p. 563 : Nepal.
Argula migratoria id., ibid.

Leptoptilos javanicus Horsf.

- Ciconia javanica* Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 188,
 May 1821 : Java.
Ciconia capillata Temm. & Laug., Planch. Color. d'Ois, livr. 1,
 pl. 312, Oct. 1824 : Sumatra and Java.
Ciconia cristata McClelland, Ind. Rev., 1838, p. 512 : Assam.
Ciconia calva Jerdon, Madr. Jour. Lit. Sci., vol. xii, p. 201, 1840.

Genus IBIS.

- Ibis* Lacépède, Tabl. Ois., p. 18, 1799 ; Daudin in Buffon's Hist.
 Nat., ed. Didot, Quadr., vol. xiv, p. 334, 1802.
 Type by taut., *Tantalus ibis* Linn.
Diplura Jerdon, Birds of India, vol. iii, p. 737, 1864, ex Blyth.
 Type by mon., *Tantalus leucocephalus* Pennant.
 Not *Diplura* Koch, 1850.
Diplocercus id., ibid. ; alternative name.
Pseudotantalus Ridgway, Proc. U.S. Nat. Mus., vol. v, p. 550,
 1882.
 Type by orig. desig., *Tantalus ibis* Linn.
Dipluravis Strand, Soc. entom. Stuttgart, vol. xxv (4), p. 14,
 1920 ; new name for *Diplura* Jerdon.

Ibis leucocephalus Pennant.

Ibis leucocephalus leucocephalus Pennant.

- Tantalus leucocephalus* Pennant, Ind. Zool., p. 11, 1769 : Ceylon.
Tantalus gangeticus Shaw & Nodder, Nat. Misc., vol. viii, pl. 293,
 1797 : India.
Tantalus rodopteron Gray, Cat. Birds Nepal, p. 136, 1846 ; Hodgs.,
 Zool. Misc., p. 86, 1844, as synonym.

Genus ANASTOMUS.

Anastomus Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, p. xciii, 1790.
Type by sub. desig., Gray, List Gen. Birds, 2nd ed., p. 87,
1841; *Ardea oscitans* Boddaert.

Hians Lacépède, Tabl. Ois., p. 17, 1799; Daudin in Buffon's
Hist. Nat., ed. Didot, Quadr., vol. xiv, 1802.

Type by mon., *Ardea oscitans* Boddaert.

Rhynchosasme Hermann, Observ. Zool., p. 156, 1804.
Type by mon., *Ardea oscitans* Boddaert.

Empharis Rafinesque, Anal. Nat., p. 70, 1815; new name only.

Apertirostra Drapiez, Dict. Class. Hist. Nat., vol. i, p. 463, 1822,
ex Vanderstegen de Putte MS.

Chænoramphe Dumont in Levrault's Dict. Sci. Nat., vol. viii,
p. 51, 1817.

Type by mon., *A. oscitans* Boddaert.

Chenorampus Gray, Gen. Birds, vol. iii, p. 562, 1848, ex *Chæno-*
ramphe Dumont in Levrault's Dict. Sci. Nat., vol. viii, p. 51,
1817, as synonym.

Hiator Reichenbach, Nat. Syst. Vög., p. 12, 1852-53.

Type by orig. desig., *Anastomus lamelligerus* Temm. & Laug.

Anastomus oscitans Boddaert.

Ardea oscitans Boddaert, Tabl. Pl. Enlum., p. 55, 1783, for
Pl. Enl. 932: Pondicherry, India.

Ardea pondiceriana Gmelin, Syst. Nat., vol. i, pt. ii, p. 646, 1789 :
Pondicherry.

Ardea coromandeliana id., ibid., 1789: Coromandel.

Anastomus albus Vieillot, Nouv. Dict. d'Hist. Nat. nouv. ed.,
vol. i, p. 489, 1816: India.

Anastomus cinereus id., ibid., p. 490, 1816: India.

Anastomus typus Temm. & Laug., Planch. Color. d'Ois., livr. 40,
pl. 236, 1823; new name only.

Hians indicus Lesson, Man. d'Orn., vol. ii, p. 251, 1828; new
name only.

Hians asiaticus Bonaparte, Conspl. Gen. Av., vol. ii, p. 109, 1855;
as of Lesson, error only in synonmy.

Suborder ARDEÆ.

Family ARDEIDÆ.

Genus ARDEA.

Ardea Linn., Syst. Nat., 10th ed., vol. i, p. 141, Jan. 1758.
Type by sub. desig., Gray, List Gen. Birds, 1840, p. 60,
Ardea cinerea Linn.

Lepteroodus Hemprich & Ehrenberg, Symb. Phys., Av., fol. i, 1832-33.

Type by orig. desig., *Ardea cinerea* Linn.

Typhon Reichenbach, Nat. Syst. Vög., p. 16, 1852-53.

Type by orig. desig., *Ardea typhon* Temm.

Ardeomega Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xl, p. 722, 1855, ex Ann. Sci. Nat. Paris, ser. 4, vol. i, p. 141, 1854, *nom. nud.*

Type by mon., *Ardea goliath* Temm.

Audubonia id., ibid.

Type by mon., *Ardea occidentalis* Audubon.

Megerodius Heine, Jour. für Orn., 1860, p. 200; new name for *Ardeomega* Bonaparte.

Pyrrherodia Finsch u. Hartlaub in Decken's Reise Ost-Afr., vol. iv, p. 676, 1870.

Type by mon., *Ardea purpurea* Linn.

Phox Stejneger, Proc. U.S. Nat. Mus., vol. x, p. 311, 1887.

Type by orig. desig., *Ardea purpurea* Linn.

Ardea purpurea Linn.

(*Ardea purpurea* Linn., Syst. Nat., 12th ed., vol. i, p. 236, 1766 : France.)

Ardea purpurea manillensis Meyer.

Ardea purpurea var. *manillensis* Meyer, Nova Acta Acad. Leop.-Carol., vol. xvi, Suppl., p. 102, 1834 : Philippines.

Ardea tarayensis Gray, Cat. Birds Nepal, p. 134, 1846, as synonym of *purpurea* Hodg., Zool. Misc., 1844, *nom. nud.*

Ardea cinerea cinerea Linn.

(*Ardea cinerea* Linn., Syst. Nat., 10th ed., vol. i, p. 143, Jan. 1758 : Sweden, Europe.)

Ardea cinerea rectirostris Gould.

Ardea rectirostris Gould, P. Z. S., 1843, p. 22 : New South Wales.

Ardea leucophæa id., ibid., 1848, p. 58 : India.

Ardea cinerea jouyi Clark, Proc. U.S. Nat. Mus., vol. xxxii, p. 468, 1907 : Korea.

Ardea sumatrana Raffles.

Ardea sumatrana sumatrana Raffles.

Ardea sumatrana Raffles, Trans. Linn. Soc., vol. xiii, pt. 2, p. 325, Nov. 1822 : Sumatra.

Ardea typhon Temm. & Laug., Planch. Color. d'Ois., livr. 80, pl. 475, 1829 : Sumatra.

Ardea fusca Blyth, Ann. Mag. Nat. Hist., vol. xiii, p. 176, 1844:
India.

Typhon temminckii Reichenbach, Nat. Syst. Vog., p. 16, 1852-53;
new name only.

Ardea robusta Bonaparte, Conspl. Av., vol. ii, p. 110, 1855, ex
Müller MS.

Ardea imperialis Stuart Baker.

Ardea imperialis Stuart Baker, Bull. B. O. C., vol. xlvi, p. 470,
1928: Sikkim, Terai.

Ardea insignis Stuart Baker, ex Hume, Str. Feath., vol. vi, p. 470,
1870; not *Ardea insignis* Hodgs., Zool. Misc., p. 86, 1844,
nom. nud., cited as synonym of *nobilis* Blyth, by Grav, Cat.
Birds Nepal, p. 133, 1846, and as a synonym of *sumatrana*
Raffles, by Gray, Hand-l. Gen. Sp. Birds, pl. iii, p. 27, 1871.

Ardea goliath Cretzschmar.

Ardea goliath Cretzschmar in Rüppell's Atlas Reise nörd Afr., Vög.,
p. 39, pl. 26, 1829: Africa.

Ardea goliat Temm. & Laug., Planch. Color. d'Ois., livr. 80, pl. 474,
Sept. 1829: Africa.

Ardea nobilis Blyth, Ann. Mag. Nat. Hist., vol. xiii, p. 175, Mch..
1844: Calcutta.

Ardea insignis Gray, Cat. Birds Nepal, p. 133, 1846, ex Hodgs.,
Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Ardea gigantodes Gray, Hand-l. Gen. Sp. Birds, pl. iii, p. 27.,
1871, ex Lichtenstein, Nomencl. Av. Mus. Berol., p. 89,
1854, *nom. nud.*, as synonym.

Genus EGRETTA.

Egretta Forster, Synop. Cat. Brit. Birds, p. 59, 1817.

Type by mon., *Ardea garzetta* Linn.

Herodias Boie, Isis, 1822, col. 559.

Type by sub. desig., Gray, List Gen. Birds, 2nd ed., p. 86, 1841,
Ardea garzetta Linn.

Gurzetta Kaup, Skizz. Entwick. Nat. Syst., p. 76, 1829.

Type by taut., *Ardea garzetta* Linn.

Casmerodius Gloger Hand- u. Hilfsb., p. 412, 1842.

Type by mon., *Ardea egretta* Gmelin.

Erodius Macgillivray, Man. Brit. Orn., vol. ii, p. 130, 1842; new
name for *Egretta* Forster.

Mesophoyx Sharpe, Bull. B. O. C., vol. iii, p. 318, 1894.

Type by orig. desig., *Ardea intermedia* Wagler.

Hemigarzetta Mathews, Birds Austral., vol. iii, p. 448, 1914.

Type by mon., *H. eulophotes* Swinhoe.

Egretta alba Linn.**Egretta alba alba Linn.**

Ardea alba Linn., Syst. Nat., 10th ed., vol. i, p. 144, Jan. 1758 : Europe.

Ardea egrettoides S. G. Gmelin, Reise Russ., vol. ii, p. 193, pl. 25, 1774 : Astrakan and Persia.

Ardea garzetta major Boddaert, Tabl. Pl. Enlum., p. 55, 1783, for Pl. Enlum. 925.

Herodias candida Brehm, Lehrb. Nat. eur. Vög., vol. ii, p. 957, 1824 : no locality.

Erodius victorice Macgillivray, Man. Brit. Orn., vol. ii, p. 131, 1842 : East Lothian, Scotland.

Herodias egretta minor Hartert, Vög. Paläark. Fauna, vol. ii, p. 1236, 1920, ex A. E. Brehm, Verz. Samml., p. 12, 1856, nom. nud., as synonym.

Egretta alba modesta Gray.

Ardea modesta Gray, Zool. Misc., p. 19, Feb. 19, 1831 : India.

Ardea timoriensis Lesson, Traité d'Orn., p. 575, June 11, 1831 : Timor.

Ardea torra Franklin, P. Z. S., 1830-31, p. 123, Oct. 25, 1831, ex Buchanan MS. : Central India.

Ardea putea Franklin, ibid., ex Buchanan MS. : India.

Ardea longicollis Meyer, Nova Acta Acad. Leop.-Carol., vol. xvi, Suppl. i, p. 104, 1834 : Philippines.

Egretta intermedia Wagler.**Egretta intermedia intermedia Wagler.**

Ardea intermedia Wagler, Isis, 1829, col. 659 : Java.

Ardea melanopus id., ibid. : Java.

Ardea nigrirostris Gray, Zool. Misc., p. 19, Feb. 1831 : India.

Egretta garzetta Linn.**Egretta garzetta garzetta Linn.**

Ardea garzetta Linn., Syst. Nat., 12th ed., vol. i, p. 237, 1766 : "In Oriente."

(*Ardea nivea* S. G. Gmelin, Reise Russ., vol. i, p. 164, 1770 : South Russia : non-binomial.)

Ardea xanthodactyla Rafinesque, Caratt, nuov. gen. et sp. an. Sicilia, p. 5, 1810 : Sicily.

Ardea orientalis Gray, Zool. Misc., p. 20, Feb. 1831 : India.

Egretta nigrirostris Hodgs. in Gray's Zool. Misc., p. 86, 1844 :
Nepal.

Herodias lindermayeri Brehm, Vogelfang, p. 294, 1855 : Greece.
Ardea (Herodias) procerula Cabanis, Jour. für. Orn., 1868, p. 414 :
East Africa.

Egretta garzetta vulgaris, major, Hartert, Vög. Paläark Fauna,
vol. ii, p. 1239, 1920, ex A. E. Brehm, Verz. Samml., p. 12,
1866, *nomina nuda*, as synonyms.

Genus **BUBULCUS.**

Bubulcus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xl,
p. 722, Apl. 9, 1855, Pucheran MS.; Bonaparte, Conspl. Gen.
Av., vol. ii, p. 125, after Apl. 15, 1855.

Type by mon., *Ardea lucida*, Rafinesque = *Ardea ibis* Linn.

Bubulcus ibis Linn.

(*Ardea ibis* Linn., Syst. Nat., 10th ed., vol. i, p. 144, Jan. 1758 :
Egypt.)

Bubulcus ibis coromandus Boddaert.

Cancroma coromanda Boddaert, Tabl. Pl. Enlum., p. 54, 1783,
for Pl. Enlum. 910 : Coromandel, India.

Ardea coromandeliensis Stephens in Shaw's Gen. Zool., vol. xi (2),
p. 577, 1819 ; new name only.

Ardea affinis Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 189, May
1821 : Java.

' *ea flavirostris* Vieillot, Tabl. Enc. Méth. Orn., vol. iii, p. 1124,
1823 ; new name only.

Ardea caboja Franklin, P. Ž. S., 1830-31, p. 124, 1831, ex Pennant :
India.

Egretta flavicans vel russata Gray, Cat. Birds Nepal, p. 134, 1846,
ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Ardea bubulcus Gray, Cat. Mam. Birds Nepal, p. 134, 1846,
ex Hodgs. MS.

Ardea coramandelica Finsch, New Guinea, p. 183, 1865.

Bubulcus coramandelianus Swinhoe, Ibis, 1866, p. 355 : Formosa.

Genus **DEMIEGRETTA.**

Demiegretta Blyth, J. A. S. B., vol. xv, 372, 1846.

Type by mon., *D. concolor* Blyth = *A. sacra* Gmelin.

Hemiegretta Bonaparte, Conspl. Gen. Av., vol. ii, p. 120, 1855 ;
emendation only.

Demiegretta sacra Gmelin.**Demiegretta sacra sacra** Gmelin.*Ardea sacra* Gmelin, Syst. Nat., vol. i, pt. ii, p. 640, 1789 : Tahiti.*Demiegretta concolor* Blyth, J. A. S. B., vol. xv, p. 372, 1846 :

Arracan.

Herodias andamanensis Beavan, Ibis, 1867, p. 333 : Andaman Is.**Demiegretta asha** Sykes.*Ardea asha* Sykes, P. Z. S., 1832, p. 157, Nov. 22, 1832 : Dukhun.*Ardea gularis* Hume, Nests & Eggs, p. 617, 1873 ; nec *Ardea gularis* Bosc.**Genus ARDEOLA.***Ardeola* Boie, Isis, 1822, col. 559.Type by mon., *Ardea ralloides* Scopoli.*Buphus* Boie, Isis, 1826, col. 979.Type by mon., *Ardea grayii* Sykes.*Cancrophagus* Kaup, Skizz. Entwick. Nat. Syst., p. 41, 1829.Type by orig. desig., *Ardea ralloides* Scopoli.**Ardeola grayii** Sykes.*Ardea grayii* Sykes, P. Z. S., 1832, p. 158, Nov. 22, 1832 : Dukhun.*Egretta macronata* Gray, Cat. Birds Nepal, p. 134, 1846, ex Hodgs.,
Zool. Misc., 1844, p. 86, nom. nud., as synonym.*Ardeola leucoptera* Gray, List Grallæ B. M., p. 82, 1844 : Nepal.*Ardea leucoptera grayi* Schleg., Mus. Pays-Bas, *Ardeæ*, p. 35,
1863 : Nepal, Pondicherry, Ceylon.**Ardeola bacchus** Bonaparte.*Buphus bacchus* Bonaparte, Conspl. Gen. Av., vol. ii, p. 127, 1855 :
Malay Peninsula.*Ardeola prasinoscelsis* Swinhoe, Ibis, 1860, p. 64 : Amoy, China.*Buphus pseudoralloides* Brehm, Naumannia, pp. 290, 1855.**Genus BUTORIDES.***Butorides* Blyth, Cat. Birds Mus. Asiat. Soc., p. 281, 1852.Type by mon., *Ardea javanica* Horsf.*Eniscus* Cabanis, Jour. für Orn., 1856, p. 343 ; new name for
Butorides.*Toburides* Mathews, Austral. Av. Rec., vol. i, p. 195, 1913.Type by mon., *Butorides rogersi* Mathews.

Butorides striatus Linn.

(*Ardea striata* Linn., Syst. Nat., 10th ed., vol. i, p. 144, Jan. 1758
Surinam, South America.)

Butorides striatus javanicus Horsf.

Ardea javanica Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 190,
May 1921: Java.

Egretta chloriceps vel *virescens* Gray, Cat. Birds Nepal, p. 135,
1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as
synonym.

Butorides striatus spodiogaster Sharpe.

Butorides spodiogaster Sharpe, Bull. B. O. C., vol. iii, p. 17, 1894:
Andamans.

Genus **NYCTICORAX**.

Nycticorax Rafinesque, Analyse, p. 71, 1815, *nom. nud.*

Nycticorax Forster, Synop. Cat. Brit. Birds, p. 59, 1817.

Type by taut.. *Ardea nycticorax* Linn.

Nyctiardea Swainson, Classif. Birds, vol. ii, p. 354, 1837; new
name for *Nycticorax*.

Scotæus Keyserling & Blasius, Die Wirbelth. Europa's, pp. lxxx,
220, 1840; new name only.

Nycterodius Macgillivray, Man. Brit. Orn., vol. ii, p. 126, 1842;
new name only.

Nycticorax nycticorax Linn.**Nycticorax nycticorax nycticorax** Linn.

Ardea nycticorax Linn., Syst. Nat., 10th ed., vol. i, p. 142, Jan.
1758: South Europe.

Ardea grisea id., ibid., 12th ed., vol. i, p. 239, 1766: "in Oriente"
in errore, France.

Ardea kwaka S. G. Gmelin, Nov. Comm. Ac. Petrop., vol. xv,
p. 452, pl. xiv, 1771.

Ardea ferruginea id., ibid., p. 456, pl. xvi.

Ardea maculata Gmelin, Syst. Nat., vol. i, pt. ii, p. 645, 1789; not
of Boddaert, 1783: Europe.

Nycticorax infuscatus Forster, Synop. Cat. Birds, p. 59, 1817; new
name only.

Nycticorax europaeus Stephens in Shaw's Gen. Zool., vol. xi, p. 609,
1819; new name only.

Ardea australasiae Vieillot, Tabl. Enc. Méth., Orn., vol. iii, p. 1130, 1823; new name for

Ardea novaehollandiae Vieillot, Nouv. Dict. d'Hist. Nat., nouv. ed., vol. xiv, p. 436, 1817: Europe; not *Ardea novehollandiae* Latham, 1790.

Nycticorax orientalis Brehm, Handb. Vög. Deutschl., p. 592, 1831: South-East Europe.

Nycticorax badius id., ibid.: Switzerland.

Nycticorax meridionalis id., ibid., p. 593: Illyria.

Nycticorax ardeola Temm., Man. d'Orn., 2nd ed., vol. iv, p. 384, 1840=1839; new name only.

Scotæus guttatus Heuglin, 1873, ex Sitz. Math.-nat. Classe K. Akad. Wiss. Wien, vol. xix, p. 311, 1856, *nom. nud.*, as synonym.

Nycticorax aegyptius Gurney in Anderson's Birds Damaraland, p. 293, 1872; new name only.

Genus GORSAKIUS.

Gorsakius Gray, Cat. Gen. Subgen. Birds, p. 114, Apl. 9, 1855, ex Bonaparte, Ann. Sci. Nat. Paris, ser. 4, vol. i, p. 141, 1854, *nom. nud.*

Type by orig. desig., *Ardea goisagi* Temm.

Gorsachius Bonaparte, Consپ. Gen. Av., vol. ii, p. 138, after Apl. 1855, ex Pucheran; Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xl, p. 772, Apl. 9, 1855, ex Pucheran, *nom. nud.*

Butio Reichenow, Jour. für Orn., 1877, p. 246; new name only.

Gorsakius melanolophus melanolophus Raffles.

Ardea melanolopha Raffles, Trans. Linn. Soc., vol. xiii, pt. 2, p. 326, Nov. 1822: Sumatra.

Nycticorax limnophilax Temm. & Laug., Planch. Color. d'Ois., pl. 581, 1836: Java.

Gorsachius typus Bonaparte, Consپ. Gen. Av., vol. ii, p. 138, 1855, ex Pucheran.

Ardea melanophus Jerdon, Birds of India, vol. iii, p. 758, 1864.

Nycticorax goisagi Hartl. & Finsch, P. Z. S., 1868, p. 8: Pelew Islands.

Gorsakius melanolophus minor Hachisuka.

Gorsakius melanolophus minor Hachisuka, Ibis, 1926, p. 591: Katchal, Nicobars.

Genus **IXOBRYCHUS**.

- Ixobrychus* Billberg, Syn. Faun. Scand., vol. i (2), p. 166, 1828.
 Type by sub. desig., Stone, Auk., 1907, p. 192, *Ardea minuta* Linn.
- Ardetta* Gray, App. List Gen. Birds, p. 13, 1842.
 Type by orig. desig., *Ardea minuta* Linn.
- Erodiscus* Gloger, Hand- u. Hilfsb., p. 410, 1842.
 Type by mon., *Ardea minuta* Linn.
- Ardeola* Bonaparte, Ann. Lvc. Nat. Hist. New York, vol. ii, p. 307, 1828=1827; not of Boie, 1822.
- Nannocnus* Stejneger, Proc. U.S. Nat. Mus., vol. x, p. 289, 1887.
 Type by orig. desig., *Ardetta erythraea* Swinhoe.

Ixobrychus minutus Linn.**Ixobrychus minutus minutus** Linn.

- Ardea minuta* Linn., Syst. Nat., 12th ed., vol. i, p. 240, 1766: Switzerland, Europe.
- Botaurus pusillus* Brehm, Handb. Vög. Deutschl., p. 598, 1831: Germany.
- Botaurus melanotos* Brehm, Isis, 1842, col. 771, 779: Germany.
- Ardetta minuta brachypus* A. E. Brehm, Verz. Samml., p. 12, 1866; new name for *B. melanotos* Br.
- Ardetta minuta robusta* Hartert, Vög. Palaark. Fauna, vol. ii, p. 1257, 1920, ex A. E. Brehm. Verz. Samml. p. 12, 1866, *nom. nud.*, as synonym.

Ixobrychus sinensis sinensis Gmelin.

- Ardea sinensis* Gmelin, Syst. Nat., vol. i, pt. ii, p. 642, 1789: China.
- Ardea lepida* Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 190, May 1821: Java.
- Ardea melanophis* Lesson, Traité d'Orn., p. 573, 1831, ex Cuvier MS., as synonym. Misquoted by Gray as *melanotis*=*melanoptera* Pucheran, Rev. et Mag. d. Zool., 1851, p. 375.
- Ardea pulchra* Hume, Str. Feath., vol. i, p. 309, 1872-73: Andamans.

Ixobrychus cinnamomeus Gmelin.

- Ardea cinnamomea* Gmelin, Syst. Nat., vol. i, pt. ii, p. 643, 1789: China.
- Ardea nebulosa* Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 190, May 1821: Java.
- Botaurus assimilis* Brehm, Isis, 1842, col. 782: Java.
- Nannocnus ijimae* Ogawa, Annot. Zool. Japan, vol. v, p. 215, 1905: Yagasaki, Japan.

Genus DUPETOR.

Dupetor Heine & Reichenow, Nomencl. Mus. Hein., p. 308, 1890.

Type by mon., *Ardea flavigollis* Latham.

Xanthocnus Sharpe, Bull. B. O. C., vol. iii, p. 37, 1894.

Type by sub. desig., Sharpe, Cat. Birds, B. M., vol. xxvi, p. 246.
Ardea flavigollis Latham.

Dupetor flavigollis Latham.

Dupetor flavigollis flavigollis Latham.

Ardea flavigollis Latham, Ind. Orn., vol. ii, p. 701, 1790 : South China.

Ardea nigra Vieill., Nouv. Dict. d'Hist. Nat., vol. xiv, p. 417, 1817.

Ardea picata Raffles, Trans. Linn. Soc., vol. xiii, p. 326, 1822 : Sumatra.

Ardea bilineata Lesson, Traité d'Orn., p. 574, 1831 : Java.

Genus BOTAUERUS.

Botaurus Stephens in Shaw's Gen. Zool., vol. xi, p. 592, 1819.

Type by sub. desig., Gray, List Gen. Bds, 1st ed., p. 60, 1840,
Ardea stellaris Linn.

Butor Forster, Pocket Enc. Nat. Phenom., p. 417, 1827.

Type by mon., *Ardea stellaris* Linn.

Erogas Hogg, Zool., 1845, p. 1172.

Type by mon., *Ardea stellaris* Linn.

Botaurus stellaris Linn.

Ardea stellaris Linn., Syst. Nat., 10th ed., vol. i, p. 144, Jan. 1758 : Sweden, Europe.

Ardea botaurus Gmelin, Syst. Nat., vol. i, pt. ii, p. 636, 1789 : Italy.

Botaurus lacustris Brehm, Handb. Vög. Deutschl., p. 596, 1831 : Germany.

Botaurus arundinaceus id., ibid. : Mid-Germany.

Botaurus tayarensis Gray, Cat. Birds Nepal, p. 135, 1846, ex Hodgs. MS., as synonym.

Botaurus stellaris major Hartert. Vög. Paläarkt. Fauna, vol. ii, p. 1262, 1920, ex A. E. Brehm, Verz. Samml., p. 12, 1866.
nom. nud., as synonym.

Order PHŒNICOPTERI.

Family PHŒNICOPTERIDÆ.

Genus PHŒNICOPTERUS.

Phœnicopterus Linn., Syst. Nat., 10th ed., vol. i, p. 139, Jan. 1758.

Type by mon., *P. ruber* Linn.

Phœnicorodias id., ibid., p. 441.

Type by mon., *P. ruber* Linn.

Phœnicopterus ruber Linn.

(*Phœnicopterus ruber* Linn., Syst. Nat., 10th ed., vol. i, p. 139, Jan. 1758 : Bahamas, West Indies.)

Phœnicopterus ruber antiquorum Temm.

Phœnicopterus antiquorum Temm., Man. d'Orn., 2nd ed., vol. ii, p. 587, Oct. 20, 1820 : Europe.

Phœnicopterus major Dumont, Dict. Sci. Nat., vol. xvii, p. 96, 1820 : Europe.

Phœnicopterus roseus Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 207, 1811-27 : South Russia.

Phœnicopterus europaeus Swainson, Classif. Birds, vol. ii, p. 207, 1837 : Europe.

Phœnicopterus plinius Reichenbach, Nat. Syst. Vög., p. 10, 1852-53.

Phœnicopterus erythræus J. & E. Verreaux, Rev. et Mag. d. Zool., 1855, p. 221 : Algeria.

Phœnicopterus platyrhynchus Brehm, Vogelfang, p. 298, 1855
South Europe.

Phœnicopterus pygmæus Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlivi, p. 993, 1856, ex Brehm MS., as synonym.

Phœnicopterus andersoni Brooks, Proc. Asiatic Soc. Bengal, 1875, p. 17 : Futtegarh, N.W. India.

Genus PHŒNICONAIAS.

Phœniconaias Gray, Isis, 1869, p. 440.

Type by mon., *Phœnicopterus minor* Geoffroy.

Phœniconaias minor Geoffroy.

Phœniconaias minor Geoffroy, Bull. Soc. Phil. Paris, vol. i, p. 98, 1798 : East Africa.

Phœnicopterus parvus Vieillot, Anal. nouv. Orn., p. 69, 1816 : Africa.

Phœnicopterus blythii Bonaparte, Conspl. Gen. Av., vol. ii, p. 146 1855 : India.

Phœnicopterus rubidus Fielden, Ibis, 1868, p. 496.

Order A N S E R E S.

Family ANATIDÆ.

Subfamily CYGNINÆ.

Genus CYGNUS.

Cygnus Bechstein, Orn. Taschenb., vol. ii, p. 404, 1803.

Type by taut., *Anas cygnus* Linn.

Olor Wagler, Isis, 1832, col. 1234.

Type by mon., *Anas cygnus* Linn.

Euolor Mathews & Iredale, Austral Av. Rec., vol. iii, p. 117, 1917.

Type by orig. desig., *Anas olor* Linn.

Cygnus cygnus Linn.

Anas cygnus Linn., Syst. Nat., 10th ed., vol. i, p. 122, Jan. 1758 : Sweden, Europe.

Cygnus musicus Bechstein, Gem. Nat. Vögel Deutschl., vol. iii, p. 830, pl. 35, 1809 : Europe.

Cygnus melanorhynchus Meyer & Wolf, Taschenb. Vög. Deutschl. vol. ii, p. 498, 1810 : Germany.

Cygnus ferus Forster, Synop. Cat. Bds., p. 34, 1817 ; new name only.

Cygnus islandicus Brehm, Handb. Vog. Deutschl., p. 832, 1831 ; Iceland.

Cygnus xanthorhinus Naumann, Nat. Vög. Deutschl., vol. xi, p. 478, pl. 296, 1842 ; new name only.

Cygnus linnéi Malm, Götab. Bohus. Fauna, pp. 90-343, 1877 ; new name only.

Cygnus bewickii Yarrell.

Cygnus bewickii Yarrell, Trans. Linn. Soc., vol. xvi, p. 453, 1830 : England.

Cygnus melanorhinus Naumann, Nat. Vög. Deutschl., vol. xi, p. 497, pl. 297, 1842 : Germany.

Cygnus altumi Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlili, p. 648, 1856, ex Baedeker, as synonym.

Cygnus minor Keyserling & Blasius.

Cygnus minor Keyserling & Blasius, Wirbelth. Europa's, pp. 132-222, 1840 : Selinga River, Transbaikalia.

Cygnus jankowskii Alpheraky, Priroda i Okhota (Nature & Sport), Sept. 1904, p. 10, cf. Buturlin, Ibis, 1907, p. 651.

Cygnus olor Gmelin.

Anas olor Gmelin, Syst. Nat., vol. i, pt. ii, p. 501, 1789 : Russia. (*Cygnus mansuetus* of authors, ex Linné, rejected by Hartert.)

Anas mansuetus Berkenhout, Synops. Nat. Hist. Gt. Brit., 2nd ed., vol. i, p. 19, 1789.

Anas dircea Hermann, Observ. Zool., p. 139, 1804 : Germany.

Cygnus gibbus Bechstein, Gen. Nat. Vog. Deutschl., vol. iv, p. 815, 1809 : new name only.

Cygnus mutus Forster, Synop. Cat. Brit. Birds, p. 64, 1817, *nom nud.*

Cygnus gibbosus Kuhl, Buffon. Fig. Av. Nom., pp. 16-26, 1820 ; new name only.

Cygnus sibilis Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 215, 1811-27 : Russia.

Cygnus immutabilis Yarrell, P. Z. S., 1838, p. 19 : England.

Cygnus tuberculirostris Dubois, Planch. Color. d'Ois. Belg., vol. iii, p. 300, 1850 ; new name only.

Cygnus univini Hume, Ibis, 1871, p. 413 ; near Hazara, India.

Cygnus pelzelni Stejneger, Proc. U.S. Nat. Mus., vol. v, p. 197, 1883 : Mensaleh Lake, Egypt.

Subfamily PLECTROPTERINÆ.

Genus SARKIDIORNIS.

Sarkidiornis Eyton, Monogr. Anatidæ, pp. 20-102, 1838.

Type by sub. desig., *Anser melanotos* Pennant.

Sarcidiornis Agass., Nomencl. Zool. Ind. Univ., p. 331, 1846 ; emendation only.

Sarkidiornis melanotos Pennant.

- Anser melanotos* Pennant, Ind. Zool., p. 12, pl. xii, 1769 : Ceylon.
Anser melanonotus Pennant in Forster's Ind. Zool., 2nd. ed., p. 21,
 pl. xi, 1781 : Ceylon and Madagascar ; emendation only.
Anas tricolor Boddaert, Tabl. Pl. Enlum., p. 56, 1783, for Pl.
 Enlum. 937 : Coromandel.
Sarkidiornis regius Eyton, Mon. Anatidæ, p. 182, 1838.
Sarkidiornis africanus id., ibid., p. 103.

Genus ASARCORNIS.

- Asarcornis Salvadori*, Cat. Birds Brit. Mus., vol. xxvii, p. 59, 1895.
 Type by mon., *Anas scutulata* Müller.

Asarcornis scutulatus Müller.

- Anas scutulata* Müller, Verh. Nat. Land- en Volk., p. 159, 1842 :
 Java.
Sarcidiornis ? leucopterus B'yth, J. A. S. B., vol. xviii, p. 820, 1849 :
 Tenasserim.

Genus RHODONESSA.

- Rhodonessa* Reichenbach, Nat. Syst. Vog., p. 9, 1852.
 Type by orig. desig., *Anas caryophyllacea* Latham.

Rhodonessa caryophyllacea Latham.

- Anas caryophyllacea* Latham, Index Orn., vol. ii, p. 866, 1790 :
 India.
Anas erythrocephala Bonnaterre, Tabl. Enc. Méth., Orn., vol. i,
 p. 143, 1791; same bird as above; not *Anas erythrocephala*
 S. G. Gmelin, 1771.

Genus NETTAPUS.

- Nettapus* Brandt, Descr. Icon. Anim. Ross., fasc. i, p. 5, 1836.
 Type by mon., *Anas aurita* Boddaert.
Cheniscus Eyton, Mon. Anatidæ, p. 15, 1838.
 Type by orig. desig., *Anas coromandeliana* Gmelin (ex *Cheniscus*
 Stephens in Shaw's Gen. Zool. vol. xiv (1), p. 344, 1826,
 ex Brookes M.S., nom. nud.).
Anserella Gray, Cat. Gen. Subgen. Birds, p. 122, 1855, ex Swainson,
 Classif. Birds, vol. ii, p. 189, 1837, nom. nud., not Selby, 1840.
 Type by orig. desig., *Anas coromandeliana* Gmelin.
Microcygna Gray, List Gen. Birds, 1st ed., p. 73, 1840.
 Type by orig. desig., *Anas coromandeliana* Gmelin.

Nettapus coromandelianus Gmelin.*Nettapus coromandelianus coromandelianus* Gmelin.

Anas coromandeliana Gmelin, Syst. Nat. vol. i, pt. ii, p. 522, 1789 :
Coromandel, India.

Anas girra Gray, Illustr. Ind. Zool., pt. 4, pl. 68, vol. i, Oct. 1830.

Nettapus coromandelicus Gray, Gen. Birds, vol. iii, p. 608, 1844 ;
emendation only.

Dendrocygna affinis Jerdon, Madr. Jour. Lit. Sci., vol. xii,
p. 219, 1840.

Genus AIX.

Aix Boie, Isis, 1828, col. 329.

Type by mon., *Anas galericulata* Linn.

Dendronessa Swainson, Fauna Bor.-Amer., Birds, p. 497, 1831-32.

Type by orig. desig., *Anas galericulata* Linn.

Aia Eyton, Monogr. Anatidæ, p. 119, 1838 ; emendation only.

* *Lampronessa* Wagler, Isis, 1832, p. 282.

Type by mon., *Anas sponsa* Linn.

* *Cosmonessa* Riechenb., Syst. Nat. Vög., p. x, 1852.

Type by mon., *Anas sponsa* Linn.

Aix galericulata Linn.

Anas galericulata Linn., Syst. Nat., 10th ed., vol. i, p. 128, Jan. 1758 : China.

Anas asitori Gray, List Bds. Brit. Mus., vol. iv, p. 133, 1844, ex Temm. MS. ?, as synonymy.

Aix galericulata brunnescens Clark, Proc. Biol. Soc. Wash., vol. xxvii, p. 87, 1914 : China and Japan.

Subfamily ANSERINÆ.

Genus ANSER.

Anser Brisson, Orn., vol. i, p. 58 ; vol. vi, p. 361, 1760.

Type by taut., *Anas anser* Linn.

Anseria Ratinesque, Anal. Nat., p. 72, 1815 ; new name for *Anser* Brisson.

Marilochen Reichenbach, Nat. Syst. Vög., p. 9, 1852-53,
Type by orig. desig., *Anser brevirostris* Heckel = *Anas erythropus* Linn.

* *Anas sponsa* of Linn. is now generally placed in a separate genus.

Eulabeia Reichenbach, Nat. Syst. Vög., p. 9, 1852-53.

Type by orig. desig., *Anas indica* Latham.

Melanonyx Buturlin, Psov. i Ruzh. Okhota, Feb.-April 1901.

Type by orig. desig., *Anser brachyynchus* Baillon.

Anser anser Linn.

Anas anser Linn., Syst. Nat., 10th ed., vol. i, p. 123, Jan. 1758 : Sweden, Europe.

Anser ferus Schaeffer, Mus. Orn., p. 67, 1789, ex *Anas anser ferus* Linn : Europe.

Anser cinereus Meyer & Wolf, Taschenb. Vög. Deutschl., vol. ii, p. 552, 1810 : new name only.

Anser vulgaris Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 222, 1811-27 : Russia.

Anser palustris Fleming, Hist. Brit. Anim., p. 126, 1828 : England.

Anser sylvestris Brehm, Handb. Vög. Deutschl. p. 836, 1831 : Norway.

Anser cinereus var. *ruberirostris* Swinhoe, P. Z. S., 1871, p. 416, ex Gray, Cat. Bds. Nepal, p. 144, 1846, nom. nud., ex Hodgs., Zool. Misc., p. 86, 1844, nom. nud. : Shanghai.

Anser albifrons Scopoli.

Anser albifrons albifrons Scopoli.

Branta albifrons Scopoli, Annus I. Hist. Nat., p. 69, 1769 ; no locality = Italy.

Anser casarka S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 179, pl. 13, 1774 : Volga.

Anas albicans Gmelin, Syst. Nat., vol. i, pt. ii, p. 516, 1789 ; probably *in errore*, ex Scopoli.

Anser mediuss Meyer & Wolf, Taschenb. d. Vög. Zus. & Ber., p. 231, 1822, ex Temm. MS. : Holland.

Anser bruchii Brehm, Handb. Vög. Deutschl., p. 841, 1831, ex Isis, 1830, col. 996, nom. nud. : Germany.

Anser intermedius Naumann, Nat. Vög. Deutschl., vol. xi, p. 340, pl. 288, 1842 : Kothen, Germany.

Anser paradoxus Brehm, Vogelfang, p. 367, 1855 : Danzig.

Anser albifrons roseipes Schlegel, Naumannia, 1855, p. 257 : Holland.

Anser erythropus Linn.

Anas erythropus Linn., Syst. Nat., 10th ed., vol. ii, p. 123, Jan. 1758 : North Europe.

Anser finmarchicus Gunner in Leemii de Lappon, Comm., notes, p. 264, 1767 : North Lapland.

Anser temminckii Boie, Isis, 1822, col. 882 : Hamburg.

- Anser cineraceus* Brehm, Lehrb. Nat. eur. Vög., vol. ii, p. 772, 1824 : Erfurt, Germany.
- Anser brevirostris* Brehm, Handb. Vög. Deutschl., p. 884, 1838, ex Isis, 1830, col. 996, *nom. nud.* : Vienna.
- Anser minutus* Naumann, Nat. Vög. Deutschl., vol. xi, p. 365, pl. 290, 1842 : Hungary.
- Anser pygmaeus* Giebel, Thes. Orn., vol. ii, p. 370, 1872, ex Brehm, probably error only.
- Anser pygmaeus cinerascens* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlivi, p. 648, 1856, as of Brehm, in synonymy.
- Anser rhodrhynchus* Buturlin, Psov. i Ruzh. Okhota, 1901.
- Anser nigro-albiceps* Hartert, Vög. Paläarkt. Fauna, vol. ii, p. 1282, 1920, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nom. nud.*, as synonym.

Anser brachyrhynchus Baillon

- Anser brachyrhynchus* Baillon, Mem. Sci. Roy. Abbeville, 1833, p. 74 : Abbeville, France.
- Anser phænicopus* Bartlett, P. Z. S., 1839, p. 3 : England.

Anser neglectus Sushkin.

- Anser neglectus* Sushkin, Bull. B. O. C., vol. v, p. 6, 1895 ; Ibis, 1897, pp. 5-8 : Ufa, E. Russia.

Anser fabalis Latham.

- (*Anas fabalis* Latham, Gen. Synop. Suppl., vol. i, p. 227 : Great Britain.)

Anser fabalis sibiricus Alpheraky.

- Melanonyx arvensis sibiricus* Alpheraky, Geese Europe & Asia, p. 140, pl. 10, 1905 : Taimyr Peninsula, Siberia.
- Anser grandis* authors ; not of Gmelin, 1774.

Anser indicus Latham.

- Anas indica* Latham, Index Orn., vol. ii, p. 839, 1790 : India.
- Anser undulatus* Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, p. 114, 1791 : India.
- Anser melanocephalus* Vieillot, Nouv. Dict. d'Hist. Nat., nouv. ed., vol. xxii, p. 332, 1818 : India.
- Anser skorniakovi* Severtzoff, Turkest. Jevotn., pp. 70, 149, pl. x, figs. 3, 4, 1873 : Turkestan.

Genus BRANTA.

Branta Scopoli, Annus I. Hist. Nat., p. 67, 1769.

Type by taut., *Anas bernicla* Linn.

Bernicla Boie, Isis, 1822, col. 563.

Type by mon., *Anas leucopsis* Bechstein.

Leucopareia Reichenbach, Nat. Syst. Vög., p. 9, 1852-53.

Type by orig. desig., *Anas leucopsis* Bechstein.

Rufibrentia Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlivi, p. 648, 1856.

Type by mon., *Anser ruficollis* Pallas.

Brenthus Sundevall, Méth. Nat. Av. Tent., p. 145, 1873; new name only; not of Schoenherr, 1826.

Ptocas Heine & Reichenow, Nomencl. Mus. Hein., p. 342, 1890; new name for *Rufibrenta* Bonaparte.

Leucoblepharon Baird, Birds N. Amer., p. 763. 1860.

Type by orig. desig., *Anas canadensis* Linn.

Branta ruficollis Pallas.

Anser ruficollis Pallas, Spicil. Zool., fasc. 6, p. 21, pl. iv, 1769: South Russia.

Anas torquata S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 79, pl. 14, 1774: Caspian Sea.

Anas pulchricollis Georgi in Guenelin's Reise Russ. Reichs, vol. iii, p. 167, 1775, *in errore*.

Subfamily ANATINÆ.

Genus DENDROCYGNA.

Dendrocygna Swainson, Classif. Bds., vol. ii, p. 365, 1837.

Type by mon., *Anas javanica* Horsf.

Dendronessa Wagler, Isis, Mch. 1832, col. 281; not *Dendronessa* Swainson, 1831 = Feb. 1832

Leptotarsis Eyton, Monogr. Anatidæ, pp. 29-111, 1838.

Type by mon., *L. eytoni* Eyton.

Not *Leptotarsis* Guér., 1831.

Ctenumas Mathews, Austral Av. Rec., vol. ii, p. 90, 1914; new name for *Leptotarsis* Eyton.

Dendrocygna javanica Horsf.

Anas javanica Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 200, May 1821: Java.

Anas arcuata Horst., Zool. Res. in Java, pt. 8, 1824; new name, ex Cuvier MS., for preceeding.

Mareca awsuree Sykes, P. Z. S., Nov. 22, 1832, p. 168, 1832 :
Dukhun.

Dendrocygna arcuata b. minor Bonaparte, Comptes Rendus Acad.
Sci. Paris, vol. xliii, p. 649, 1856 : new name for *M. awsuree*
Sykes.

Dendrocygna fulva Gmelin.

Anas fulva Gmelin, Syst. Nat., vol. i, p. 530, 1839 ; Novo
Hispania.

Anas bicolor Vieill., Nouv. Dict. d'Hist. Nat., p. 136, 1816,

Anas virgata Wied, Reise Bras., vol. i, p. 322, 1820.

Dendrocygna major Jerdon, Madr. Jour. Lit. Sci., vol. xii,
p. 218, 1840.

Dendrocygna africana G. R. Gray, Hand-l., vol. iii, p. 79,
no. 10,609, 1871.

Genus TADORNA.

Tadorna Fleming, Philos. Zool., vol. ii, p. 260, 1822.

Type by mon., *Anas tadorna* Linn.

Vulpanser Keyserling & Blasius, Die Wirbelth. Europa's, p. 134,
1840.

Type by mon., *Anas tadorna* Linn.

Radjah Reichenbach, Nat. Syst. Vög., p. 10, 1852-53.

Type by taut. and orig. desig.: *Anas radjah* Garnot.

Gennaeochen Heine & Reichenow, Nomencl. Mus. Hein., p. 343,
1890 ; new name for *Radjah* Reichenbach.

Tadorna tadorna Linn.

Anas tadorna Linn., Syst. Nat., 10th ed., p. 122, Jan. 1758 :
Sweden, Europe.

Anas cornuta S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 185,
pl. 19, 1774 : Volga.

Anas damiettica Gmelin, Syst. Nat., vol. i, pt. ii, p. 535, 1789 :
Egypt.

Tadorna familiaris F. Boie, Tagebuch. Norw., p. 351, 1822 ; new
name for *Anas tadorna* Linn.

Tadorna bellonii Stephens in Shaw's Gen. Zool., vol. xii (2), p. 72,
pl. 45, 1824 ; new name.

Tadorna vulpanser Fleming, Hist. Brit. Anim., p. 122, 1828 ;
new name only.

Tadorna gibbera Brehm, Handb. Vög. Deutschl., p. 857, 1831, ex
Isis, 1830, col. 993, nom. nud. : Germany.

Tadorna littoralis id., ibid. : Germany.

Tadorna maritima id., ibid., p. 858 : Germany.

Tadorna schachraman Brehm, Vogelfang, p. 370, 1855, ex Jour.
für Orn., 1854, p. 84, nom. nud. : Mensaleh Lake, Egypt.

Tadorna vulgaris Seeböhm, Ibis, 1883, p. 33 ; new name only.

Genus CASARCA.

Casarca Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer., p. 56, 1838.

Type by mon., *Anas ferruginea* Vroeg.

Nettalopex Heine & Reichenow, Nomencl. Mus. Hein., p. 343, 1890; new name for *Casarca* Bonaparte.

***Casarca ferruginea* Vroeg.**

Anas ferruginea Vroeg., Cat. d'Ois. Adumb., p. 5, 1764: Tartary.

Anas casarca Linn., Syst. Nat., 12th ed., vol. iii, p. 224, 1768: Astracan.

Anas rutila Pallas, Nov. Comm. Petrop., vol. xiv, p. 579, pl. 22, fig. 1, 1770: Caspian Sea; not *Anas rutila* Linn., 1761.

Tadorna rubra Brehm, Isis, 1830, p. 997, *nom. nud.*

Genus ANAS.

Anas Linn., Syst. Nat., 10th ed., vol. i, p. 122, Jan. 1758.

Type by sub. desig., Lesson, Man. d'Orn., vol. ii, p. 417, 1829: *Anas platyrhynchos* Linn.

Anassus Rafinesque, Anal. Nat., p. 72, 1815; new name for *Anas* Linn.

Boschas Swainson, Faun. Bor.-Amer., Birds, p. 442, 1831=1832.

Type by taut., *Anas boschas* Linn.=*A. platyrhynchos* Linn.

Polionetta Oates, Game Birds Ind., vol. ii, p. 149, 1899.

Type by orig. desig., *Anas pacicolorhyncha* Forster.

Anas platyrhyncha* Linn.**Anas platyrhyncha platyrhyncha* Linn.**

Anas platyrhynchos Linn., Syst. Nat., 10th ed., vol. i, p. 125, Jan. 1758: Sweden, Europe.

Anas boschas id., ibid., p. 127, Jan. 1758: Sweden, Europe.

Anas archiboschas Brehm, Handb. Vög. Deutschl., p. 862, 1831, ex Isis, 1830, col. 997, *nom nud.*: Faeroes, etc.

Anas boschas communis Hartert, Vög. Paläarkt. Fauna, vol. ii, p. 1308, 1920, ex A. E. Brehm, Verz. Samml., p. 13, 1866, *nom. nud.*, as synonym.

Many names given to domesticated varieties, e. g., *A. adunca*, etc.

Anas pœcilorhyncha Forster.**Anas pœcilorhyncha pœcilorhyncha** Forster.*Anas pœcilorhyncha* Forster in Tennant's Ind. Zool., p. 23, pl. xiii, fig. 1, 1781: Ceylon.**Anas pœcilorhyncha zonorhyncha** Swinhœ.*Anas zonorhyncha* Swinhœ, Ibis, 1866, p. 394: Ningpo, China.**Anas pœcilorhyncha haringtoni** Oates.*Polionetta haringtoni* Oates, Jour. Bomb. Nat. Hist. Soc., vol. xvii, p. 558, 1907: Shan States.Genus **EUNETTA**.*Eunetta* Bonaparte Comptes Rendus Acad. Sci. Paris, vol. xlivi, p. 650, Oct. 1856.Type by mon., *Anas falcata* Georgi.**Eunetta falcata** Georgi.*Anas falcata* Georgi, Reise Russ. Reichs, vol. i, p. 167, 1775: Asiatic Russia.*Anas falcaria* Pallas, Reise Russ. Reichs, vol. iii, p. 701, 1776: Dauria, Siberia.*Anas javana* Boddaert, Tabl. Pl. Enlum., p. 55, 1783, for Pl. Enlum. p. 930: Java.*Anas javanensis* Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, p. 160, pl. 39, fig. 3, 1791: Java.*Querquedula drepanoptera* Bonaparte, Rev. Crit. Orn. Eur., p. 103, 1850.*Querquedula multicolor* Swinhœ, Ibis, 1860, p. 67: Amoy; not *Querquedula multicolor* Scopoli=? *Dendrocygna*.Genus **CHAULELASMUS**.*Chaulelasmus* Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer., p. 56, Apl. 1838; new name for *Chauliodus* Swainson.*Chauliodus* Swainson, Faun. Bor.-Amer., Bds., p. 440, 1831=1832.Type by mon., *Anas strepera* Linn.Not *Chauliodus* Bloch, 1801.

Chauliodes Eyton, Mon. Anatince, p. 43, 1838.

Not Latreille, 1798.

Ktinorhynchus id., ibid., p. 137, preface, p. 2, after April 1838.

Type by mon., *A. strepera* Linn.

Chaulelasmus streperus Linn.

Anas strepera Linn., Syst. Nat., 10th ed., vol. i, p. 125, Jan. 1758 : Sweden, Europe.

Anas cinerea S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 184, pl. 17, 1774 : South Russia.

Anas kekuschka id., ibid., vol. iii, p. 249, pl. 26-27, 1774 : Caspian Sea.

Anatra canapiglia Gerini, Stor. Ucc., vol. v, tav. 574, 575, 1776.

Anas mail Gray, Cat. Birds. Nepal, p. 145, 1846, ex Hodgs., Zool. Misc., p. 86, nom. nud., as synonym.

Genus MARECA.

Mareca Stephens in Shaw's Gen. Zool. vol. xii (2), p. 130, 1824.

Type by mon., *Anas penelope* Linn.

Penelops Kaup, Skizz. Entwick. Nat. Syst., p. 31, 1829.

Type by taut., *Anas penelope* Linn.

Marica Leach, fide Swainson, Class. Birds, vol. ii, p. 366, 1837 : in errore.

Mareca penelope Linn.

Anas penelope Linn., Syst. Nat., 10th ed., vol. i, p. 126, Jan. 1758 : Sweden, Europe.

Anas cogolca S. G. Gmelin, Reise Russ. Reichs, vol. i, p. 70, 1770 : South Russia.

Anas kogolka S. G. Gmelin, Nov. Com. Acad. Petrop. vol. xv, p. 468, pl. 21, 1771 : South Russia.

Anas peregrina S. G. Gmelin, Reise Russ. Reichs, vol. ii, p. 183, pl. 16, 1774 : South Russia.

Anatra maigiana Gerini, Stor. Ucc., vol. v, tav. 585, 886, 1776.

Mareca fistularia Stephens in Shaw's Gen. Zool., vol. xii (2), p. 131, pl. 50, 1824; new name only.

Fuligula ? cheonea Gray, Cat. Bds. Nepal, p. 145, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, nom. nud., as synonym.

Anas ? vitticeps id., ibid., ex idem, nom. nud., as synonym.

Mareca fistulans Brehm, Vogelfang, p. 373, 1855 : Germany.

Genus NETTION.

Nettion Kaup, Skizz. Entwick. Nat. Syst., p. 95, 1829.

Type by mon., *Anas crecca* Linn.

Virago Newton, P. Z. S., 1871, p. 651, Apl. 1, 1872.

Type by orig. desig., *Mareca castanea* Eyton.

Nettion crecca Linn.*Nettion crecca crecca* Linn.

Anas crecca Linn., Syst. Nat., 10th ed., vol. i, p. 125, Jan. 1758: Sweden, Europe.

Querquedula subcrecca Brehm, Handb. Vögel Deutschl., p. 885, 1831; ex *Isis*, 1830, col. 998, nom. nud.: Mid-Germany.

Querquedula creccoides id., ibid., col. 995, nom. nud.: Germany.

Querquedula crecca a. rubens Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 650, 1856: Bengal.

Nettion formosum Georgi.

Anas formosa Georgi, Reise Russ. Reichs, p. 168, 1775: Lake Baikal.

Anas glotans Pallas, K. Vet.-Akad. Handl. Stockh., vol. xl, p. 33, 1779: Lake Baikal.

Anas baikal Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, p. 158, 1791: Lake Baikal.

Anas perpulchra Yarrell, Report Council Zool. Soc., 1831, p. 22.

Anas cucullata Fischer, Bull. Soc. Imp. Nat. Moscow, vol. iii, p. 279, 1831: Kamschatka.

Nettion albogularare Hume.

Mareca albogularis Hume, Str. Feath., vol. i, p. 303, 1873: Andamans.

Querquedula andamanensis Tytler, Ibis, 1867, p. 333, nom. nud.: Andamans.

Genus DAFILA.

Dafila Stephens in Shaw's Gen. Zool., vol. xii (2), p. 126, 1824.

Type by mon., *Anas acuta* Linn.

Trachelonetta Kaup, Skizz. Entwick. Nat. Syst., p. 115, 1829.

Type by mon., *Anas acuta*.

Phasianurus Wagler, Isis, 1832, col. 1235.

Type by mon., *Anas acuta* Linn.

Dafila acuta Linn.

- Anas acuta* Linn., Syst. Nat., 10th ed., vol. i, p. 126, Jan. 1758 : Sweden, Europe.
- Anas subulata* S. G. Gmelin, Reise Russ. Reichs., vol. i, p. 13, 1771 : Lower Volga.
- Anas alandica* Sparrman, Mus. Carls., fasc. iii, pl. 60, 1788 : Aland, Sweden.
- Anas sparrmanni* Latham, Index Orn., vol. ii, p. 876, 1790 ; new name for *A. alandica* Sparrm.
- Dafila caudacuta* Stephens in Gray's Gen. Zool., vol. xii (2), p. 127, pl. 49, 1824 ; new name for *A. acuta* Linn.
- Anas longicauda* Brehm, Handb. Vögel Deutschl., p. 868, 1831 : Germany.

Genus QUERQUEDULA.

- Querquedula* Stephens in Shaw's Gen. Zool., vol. xii (2), p. 142, 1824.
- Type by taut., *Anas querquedula* Linn.
- Cyanopterus* Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer., p. 57, Apr. 1838.
- Type by mon., *Anas querquedula* Linn.
- Not *Cyanopterus* Haliday, 1835.
- Pterocyanea* Bonaparte, Icon. Faun. Ital. Ucc., Introd., p. 17, 1841 ; new name for *Cyanopterus* Bonaparte.

Querquedula querquedula Linn.

- Anas querquedula* Linn., Syst. Nat., 10th ed., vol. i, p. 126, Jan. 1758 : Sweden, Europe.
- Anas circia* Linn., Syst. Nat., 12th ed., vol. i, p. 204, 1766 : Europe.
- Anas balbul* Gmelin, Syst. Nat., vol. i, pt. ii, p. 543, 1789, ex Forskål, Descr. Anim., vol. iv, 1775 : Cairo, Egypt.
- Querquedula glaucopterus* Brehm, Handb. Vögel Deutschl., p. 882, 1831, ex Isis, 1830, p. 997, nom. nud. : Mid-Germany.
- Querquedula scapularis* id., ibid., p. 883 : Pomerania.
- Anas (Querquedula) humeralis* Müller, Verh. Nat. Gesch. Land- en Volk., p. 159, 1842 : Java.
- Querquedula vulgaris* Gray, Cat. Birds Nepal, p. 146, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, nom. nud., as synonym.
- Anas pterocyanea* Goelding, Jour. für Orn., 1879, p. 382.

Genus SPATULA.

- Spatula* Boie, Isis, 1822, col. 564.
- Type by mon., *Anas clypeata* Linn.
- Rhynchospis* Stephens in Shaw's Gen. Zool., vol. xii (2), p. 114, 1824, ex Leach MS.
- Type by mon., *Anas clypeata* Linn.

Rhynchosplatus Berthold in Latreille's Nat. Fam. Thierr., p. 54, 1827.

Type by mon., *Anas clypeata* Linn.
Spathulea Fleming, Hist. Brit. Anim., p. 123, Mch. 1828.

Type by mon., *Anas clypeata* Linn.
Clypeata Lesson, Man. d'Orn., vol. ii, p. 416, June 1828.

Type by taut., *Anas clypeata* Linn.

Spatula clypeata Linn.

Anas clypeata Linn., Syst. Nat., 10th ed., vol. i, p. 124, Jan. 1758 : South Sweden, Europe.

Anas rufiflustris Latham, Gen. Synop. Birds, Suppl., vol. i, p. 297, 1787 : Lincoln, England.

Anas mexicana Gmelin, Syst. Nat., vol. i, pt. ii, p. 519, 1789 : New Spain, America.

Anas rubens id., ibid. : England.

Clypeata macrorhynchos Brehm, Handb. Vögel Deutschl., p. 876, 1831, ex Isis, 1830, col. 997, nom. nud. : Mid-Europe.

Clypeata platyrhynchos id., ibid., p. 877, 1831, ex Isis, 1830, col. 997, nom. nud. : Germany.

Clypeata pomarina id., ibid., p. 879 : Pomerania.

Clypeata brachyrhynchos id., ibid., p. 878 : Mid-Germany.

Rhynchaspis virescens Sykes, P.Z.S., Nov. 22, 1832, p. 168, ex Leach MS. : Dukhun.

Rhynchaspis platyuros Brehm, Vogelfang, p. 378, 1855 : Asia, Africa, etc.

Rhynchaspis spathulata C. F. Dubois, Planch. Color. Ois. Belge, vol. iii, p. 276, 1860 : Belgium.

Spatula clypeata indiana Mathews, Austral Av. Rec., vol. i, p. 194, 1913 : India.

Rhynchaspis clypeata americana Hartert, Vögel Paläark. Fauna, vol. ii, p. 1329, 1920, ex A. E. Brehm, Verz. Samml., p. 14, 1866, nom. nud., as synonym.

Genus MARMARONETTA.

Marmaronetta Reichenbach, Nat. Syst. Vögel, p. lx, 1852-53.

Type by mon., *Anas angustirostris* Ménétries.

Marmaronetta angustirostris Ménétries.

Anas angustirostris Ménétries, Cat. Rais. Caucas., p. 58, 1832 : Lenkoran.

Anas (Fuligula) marmorata Gould, Birds Europe, pt. ix, vol. v, pl. 373, 1837, ex Temminck MS. : South Europe.

Subfamily NYROCINÆ.

Genus NETTA.

Netta Kaup, Skizz. Entwick. Nat. Syst., p. 102, 1829.

Type by mon., *Anas rufina* Pallas.

Callichen Brehm, Handb. Vögel Deutschl., p. 924, 1831, ex *Isis*, 1830, col. 999, *nom. nud.*

Type by mon., *Anas rufina* Pallas.

Mergoides Eyton, Cat. Birds Brit., p. 57, 1836.

Type by mon., *Anas rufina* Pallas.

Netta rufina Pallas.

Anas rufina Pallas, Reise Russ. Reichs, vol. ii, p. 713, 1773 : Caspian Sea.

Anas ruficeps Pallas, Vet. Akad. Handl., vol. xl, p. 28, 1779.

Callichen subrufinus Handb. Vögel Deutschl., p. 924, 1831, ex *Isis*, 1830, col. 999, *nom. nud.* : Hungary.

Callichen micropus Brehm, id., ibid., p. 925 : Germany.

Tadorna ?pnoe Gray, Cat. Birds Nepal, p. 146, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Callichen rufescens Brehm, Vogelfang, p. 379, 1855 : Swiss lakes.

(*Callichen*) *ruficeps* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xlvi, p. 651, 1856, ex Brehm, as synonym.

Fuligula ruficrista C. F. Dubois, Planch. Color. Ois. Belge, vol. iii, p. 277, 1860 : Belgium.

Calligula rufinus verus Hartert, Vögel Paläark. Fauna, vol. ii, p. 1333, 1920, ex A. E. Brehm, Verz. Samml., p. 14, 1866, *nom. nud.*, as synonym.

Genus NYROCA.

Nyroca Fleming, Philos. Zool., vol. ii, p. 260, 1822.

Type by taut., *Anas nyroca* Güldenst.

Aythya Boie, Isis, May 1822, col. 564.

Type by mon., *Anas ferina* Linn.

Also spelt *Arthya*, *Aythia*, *Arthyia*, *Aethyra*, etc.

Not *Aethia* Merrem, 1788.

Fuligula Stephens in Shaw's Gen. Zool., vol. xii, p. 187, 1824.

Type by taut., *Anas fuligula* Linn.

Platypus Brehm, Lehrb. Naturg. Eur. Vögel, vol. ii, p. 805, 1824 ; not *Platypus* Shaw, 1799.

Fulix Sundevall, Kongl. Vet.-Akad. Handl. Stockh., 1835, p. 129, 1836.

Type by orig. desig., *Anas fuligula* Linn.

Fuligula Swainson, Class. Birds, vol. ii, p. 368, 1838.

Type by taut., *Anas fuligula* Linn.

Marila Reichenbach, Nat. Syst. Vögel, p. viii, 1852-53.

Type by orig. desig., *Anas ferina* Linn.

Nettarion Baird, Birds N. Amer., p. 790, 1858.

Aristonetta id., ibid., p. 793, 1858.

Ilyonetta Heine & Reichenow, Nomencl. Mus. Hein., p. 347, 1890.

New name for *Nyroca* Fleming.

Marila, Amer. auct., ex Oken, Isis, 1817, p. 32, nom. nud.

Type, *A. marila* Linn.

Nyroca ferina Linn.

Nyroca ferina ferina Linn.

Anas ferina Linn., Syst. Nat., 10th ed., vol. i, p. 126, Jan. 1758 : Sweden, Europe.

Anas ruficollis Scopoli, Annus I. Hist. Nat., p. 68, 1769 : no locality.

Anas erythrocephala S. G. Gmelin, Nov. Comm. Acad. Petrop., vol. xv, p. 465, pl. xx, 1771, ex Reise Russ., vol. i, p. 71, 1770, nom. nud. : Lower Volga.

Anas rufa Gmelin, Syst. Nat., vol. i, pt. ii, p. 515, 1789 ; new name for *A. ruficollis* Scopoli ; not *Anas rufa* Linn., 1761.

Aythya ruficeps Hartert, Vögel Paläark. Fauna, vol. ii, p. 1336, 1920 ; cites Brehm, Naumannia, 1855, p. 298, nom. nud., as synonym.

Aythya ferina communis id., ibid., ex A. E. Brehm, Verz. Samml., p. 14, 1866, nom. nud., as synonym.

Nyroca rufa Linn.

Nyroca rufa rufa Linn.

Anas rufa Linn., Fauna Suec., 2nd ed., p. 47, 1761 : Sweden, Europe.

Anas nyroca Güttenbach, Nov. Comm. Acad. Sci. Petrop., vol. xiv (1), p. 403, 1769 : South Russia.

Anas africana Gmelin, Syst. Nat., vol. i, pt. ii, 1759 : Egypt.

Anas ferruginea, id., ibid., p. 528, 1789 : Lincoln, England ; not *Anas ferruginea* Vroeg, 1764.

Anas ægyptiaca Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, p. 159, 1791 : Egypt ; not of Linn., 1758.

Anas glauca major Gerini, Stor. degli Ucc., vol. v, tab. 589-590, 1776 : Italy.

Anas leucophthalmos Borkhausen, Deutsche Fauna, vol. i, p. 564, 1797 : Germany.

Anas leucopis Naumann, Nat. Land- u. Wasser Vögel n. Deutschl., pp. 364, 479, 1799: Germany.

Anas glaucion Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 268, 1811: Russia; not *Anas glaucion* Linn., 1768.

Nyroca obsoleta Brehm, Vogelfang, p. 380, 1855: Iceland.

Nyroca leucopthalma cupricollis Hartert, Vögel. Paläark. Fauna, vol. ii, p. 1338, 1920, ex Brehm, Verz. Samml., p. 14, 1866, *nom. nud.*, as synonym.

Nyrcoa rufa baeri Radde.

Anas (Fuligula) baeri Radde, Reise Sibirien, vol. ii, p. 376, pl. 15, 1863: Amur, Siberia.

Nyroca marila Linn.

Nyroca marila marila Linn.

Anas marila Linn., Fauna Suecica, 2nd ed., p. 39, 1761: Lapland, Europe.

Anas leucotis Hermann, Table Affin. Anim., p. 161, 1783: no locality.

Anas frenata Sparrman, Mus. Carls., fasc. ii, no. 28, 1787: Åland, Sweden.

Aythya islandica Brehm, Handb. Vögel Deutschl., p. 911, 1831, ex *Isis*, 1830, col. 998, *nom. nud.*: Iceland.

Aythya leuconotus id., ibid., p. 913, ex Northesk, Germany.

Fuligula gesneri Eyton, Cat. Brit. Birds, p. 58, 1836; new name only.

Nyrcoa fuligula Linn.

Nyroca fuligula fuligula Linn.

Anas fuligula Linn., Syst. Nat., 10th ed., vol. i, p. 128, Jan. 1758: Sweden, Europe.

Anas cristata Forster, Synopt. Cat. Brit. Birds, p. 36, 1817; new name only.

Anas colymbis Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 266, 1811-27: Russia.

Fuligula vulgaris Gray, Cat. Birds Nepal, p. 147, 1846, ex Hodgs., Zool. Misc., p. 86, 1844, *nom. nud.*, as synonym.

Fuligula patagiata Brehm, Vogelfang, p. 381, 1855: Germany.

Anas arctica Degland & Gerbe, Orn. Eur., vol. ii, p. 533, 1867; ex Leach, as synonym.

Fuligula linnéi Malm., Göteb. & Bohus. Faun., p. 350, 1877; new name only.

Genus GLAUCIONETTA.

Glaucionetta Stejneger, Proc. U.S. Nat. Mus., vol. viii, p. 409, Sept. 14, 1885.

Type by orig. desig., *Anas clangula* Linn.
Clangula auct.; not of Leach, 1819.

Glaucion Kaup, Skizz. Entwick. Nat. Syst., p. 1829; not *Glaucion* Oken, 1816.

Bucephala Baird, Birds N. Amer., p. 795, 1860.

Type by orig. desig., *Anas albicola* Linn.; not *Bucephala* Baer, 1827.

Charitonetta Stejneger, Bull. U.S. Nat. Mus., vol. xxix, p. 163, Dec. 16, 1885.

Type by orig. desig., *Anas albicola* Linn.

Glaucionetta clangula Linn.*Glaucionetta clangula clangula* Linn.

Anas clangula Linn., Syst. Nat., 10th ed., vol. i, p. 125, Jan. 1758: Sweden, Europe.

Anas glaucion, id., ibid., p. 126, Jan. 1758: Sweden, Europe.

Anas melanocephala Hermann, Tab. Aff. Anim., p. 161, 1783; no locality.

Anas hyemalis Pallas, Zoogr. Rosso-Asiat., vol. ii, p. 270, 1811-27: Ural Mts., Russia; not *A. hyemalis* Linn., 1758.

Olangula chrysophthalmos Stephens in Shaw's Gen. Zool., vol. xii, (2) p. 182, pl. 56, 1824; new name only.

Olangula vulgaris Fleming, Hist. Brit. Anim., p. 120, 1828; new name only.

Olangula leucomelas Brehm, Handb. Vögel Deutchl., p. 927, 1831: Germany.

Olangula peregrina id., ibid., p. 929, 1831: Germany; not *Anas peregrina* Gmelin, 1789.

Olangula glaucion tricolor and *minor* Hartert, Vögel. Paläark. Fauna, vol. ii, p. 1846, 1920, ex A. E. Brehm, Verz. Samml., p. 14, 1866; *nomina nuda*, as synonyms.

Subfamily ERISMATURINÆ.

Genus ERISMATURA.

Erismatura Bonaparte, Giorn. Acad. Rome, vol. cxi. p. 208, 1832; new name for *Oxyura* Bonaparte.

Oxyura Bonaparte, Ann. Lyc. Nat. Hist. New York, vol. ii, p. 390, 1828.

Type by mon., *Anas jamaicensis* Gmelin.
Not *Oxyurus* Rafinesque, 1814.

Cerconectes Wagler, Isis, 1832, col. 282.

Type, *Anas leucocephala* Scopoli.

Gymnura Nuttall, Manual Orn., vol. ii, p. 425, 1834; new name for *Oxyura* Bonaparte; not *Gymnura* Kuhl, 1824, or Lesson, 1827. *Undina* Gould, Birds of Europe, vol. v, pl. 383, 1837.

Type by mon., *Anas leucocephala* Scopoli.

Bythonessa Gloger, Hand- u. Hilfsb., p. 472, 1848.

Type by mon., *Anas leucocephala* Scopoli.

Plectrura Gistel, Nat. Thierr. Schulen, p. x, 1848; new name for *Oxyura* Bonaparte.

Erismatura leucocephala Scopoli.

Anas leucocephala Scopoli, Annus I. Hist. Nat., p. 65, 1769: no locality=N. Italy.

Anas mersa Pallas, Reise Russ. Reichs, vol. ii, p. 713, 1773; Ural Mts., Russia.

Anas vindila Pennant, Gen. Birds, p. 65, pl. xiii, 1781; Spain; not *Anas viduata* Linn., Syst. Nat., 12th ed., vol. i, p. 205, 1766, though new name for that.

Anas ruthenica Bonnaterre, Tabl. Enc. Méth., Orn., vol. i, p. 140, 1790: Russia.

Oxyura unifasciata Eyton, Monogr. Anat., pl. 24, fig. 1, 1838.

Subfamily MERGINÆ.

Genus MERGELLUS.

Mergellus Selby, Cat. Gen. Subgen. Types Birds, p. 47, 1840.

Type by mon., *Mergus albellus* Linn.

Mergellus albellus Linn.

Mergus albellus Linn., Syst. Nat., 10th ed., vol. i, p. 129, Jan. 1758: Mediterranean Sea, Europe.

Mergus minutus id., ibid.: Europe.

Mergus glacialis Brünnich, Orn. Bor., p. 24, 1764, ex Pontopidd., Danske Atlas, vol. i, p. 620, 1763: Christiansöe.

Mergus albulus Scopoli, Annus I. Hist. Nat., p. 71, 1769: Krain, Carniola.

Mergus pannonicus id., ibid., p. 72: Carniola.

Mergus mustelinus Bechstein, Orn. Taschenb., vol. ii, p. 401, 1803.

Mergus albellus glacialis Hartert, Vög. Palaark. Fauna, vol. ii, p. 1382, ex A. E. Brehm, Verz. Samml., p. 14, 1866, nom. nud., as synonym.

Genus MERGUS.

- Mergus* Linn., Syst. Nat., 10th ed., vol. i, p. 129, Jan. 1758.
 Type by sub. desig., Gray, List Gen. Birds, 1840, *Mergus merganser* Linn.
Merganser Brisson, Orn., vol. i, p. 58; vol. vi, p. 230, 1760.
 Type by taut., *Mergus merganser* Linn.
Serrator Sprüngh, Alpen Reise, vol. i, p. 74, 1784.
 Type by taut., *Mergus serrator* Linn.

Mergus merganser merganser Linn.

- Mergus merganser* Linn., Syst., 10th ed., vol. i, p. 129, Jan. 1758 :
 Sweden, Europe.
Mergus rubricapilla Brünnich, Orn. Bor., p. 22, 1764.
Mergus castor Linn., Syst. Nat., 12th ed., vol. i, p. 209, 1766 :
 Europe.
Mergus gulo Scopoli, Annus I. Hist. Nat., p. 69, 1769 : N. Italy.
Mergus aethiops id., ibid., p. 70.
Mergus asiaticus Gmelin, Reise Russ. Reichs, vol. iii, p. 188, 1774 :
 Volga.
Merganser raucedula Schaeffer, Mus. Orn., p. 66, pl. xlii, 1789 :
 new name only.
Merganser leucomelanus (?) Schrank, Fauna Boica, vol. i, p. 238,
 1798.
Merganser raii Leach, Syst. Cat. Indig. Mamm. Birds Brit. Mus.,
 p. 26, 1816 ; nom. nud.
Merganser aldrovandi Reichenbach, Av. Syst. Nat., p. 9, pl. vii, 1832.
Mergus major Dubois, Planch. Color. Ois. Belge, vol. iii, pl. et
 p. 258, 1860 : Belgium.
Mergus merganser vulgaris Hartert, Vög. Paläark. Fauna, vol. ii,
 p. 1376, ex A. E. Brehm, Verz. Samml., p. 14, 1866, nom.
 nud., as synonym only.

Mergus merganser orientalis Gould.

- Mergus orientalis* Gould, P. Z. S., 1845, p. 1 : Amoy, China.
Mergus pusillus Eyton, Synops. Anatidæ, p. 138, 1869 : Amoy
Merganser comatus Salvadori, Cat. Birds Brit. Mus., vol. xxvii,
 p. 475, 1895 : Native Sikkim, India.

Mergus serrator Linn.

- Mergus serrator* Linn., Syst. Nat., 10th ed., vol. i, p. 129, Jan.
 1758 : Sweden, Europe.
Mergus serratus Brünnich, Orn. Bor., p. 28, 1764 : Christiansöe.
Mergus serrator, γ nigra, δ leucomelius Gmelin, Syst. Nat., vol. i,
 pt. ii, p. 546, 1789 : North Europe and North Asia.
Mergus serrator longirostris Hartert, Vög. Paläark. Fauna, vol. ii,
 p. 1379, 1920, ex A. E. Brehm, Verz. Samml., p. 14, 1866,
 nom. nud., as synonym.

Order PYGOPODES.

Family PODICEPIDÆ.

Genus PODICEPS.

- Podiceps* Latham, Gen. Synops. Birds, Suppl., vol. i, p. 294, 1789.
 Type by sub. design., Gray, Gen. Birds, p. 76, 1840,
Colymbus cristatus Linn.
- Dytes* Kaup, Skizz. Entwick. Nat. Syst., p. 141, 1829.
 Type by mon., *P. cornutus* Gmelin.
- Pedetaithya* id., ibid., p. 44.
 Type by mon., *P. subcristata* Jacq.
- Proctopus* id., ibid., p. 49.
 Type by mon., *P. auritus* Lath.
- Lophaithya* id., ibid., p. 72.
 Type by mon., *P. cristatus*.
- Poliocephalus* Selby, Cat. Gen. Subgen. Types Birds, p. 47, 1840.
 Type by taut., *Podiceps poliocephalus* Jardine & Selby.
- Tachybaptus* Reichenbach, Nat. Syst. Vögel, p. 111, 1852-53.
 Type by orig. desig., *Colymbus ruficollis* Vroeg.
- Otodytes* id., ibid.
 Type by orig. desig., *Podiceps nigricollis* Brehm.
- Dasyptilus* Swainson, Classif. Birds, vol. ii, p. 369, 1837.
 Type by mon., *P. poliocephalus* Jardine & Selby.
 Not *Dasyptilus* Wagler, 1833.
- Colymbetes* Heine & Reichenow, Nomencl. Mus. Hein., p. 364, 1890; new name for *Poliocephalus* Jardine & Selby; not Schellenburg, 1806.
- Podicipes* Ogilvie-Grant, Cat. Birds Brit. Mus., vol. xxvi, p. 502, 1898; emendation only.

Podiceps cristatus Linn.*Podiceps cristatus cristatus* Linn.

- Colymbus cristatus* Linn., Syst. Nat., 10th ed., vol. i, p. 135, Jan. 1758: Sweden, Europe.
- Colymbus urinator* Linn., Syst. Nat., 11th ed., vol. i, p. 223, 1766: South Europe.
- Podiceps mitratus* Brehm, Handb. Vögel Deutschl., p. 953, 1831: Germany.
- Podiceps patagiatus* id., ibid., p. 954: Holland.
- Podiceps widhalmi* Goebel, Jour. für Orn., 1870, p. 312: Black Sea.

- Podiceps rostratus* Mansell Pleydell, Orn. & Conch. Dorset, p. 47, 1814, ex Yarrell MS.
Podiceps longirostris Brehm, Vogelfang, p. 401, 1855 : Dalmatia ; not Bonaparte.

***Podiceps nigricollis* Brehm.**

***Podiceps nigricollis nigricollis* Brehm.**

- Podiceps nigricollis* Brehm, Handb. Vögel Deutchl., p. 963, 1831 : Germany.
Podiceps recurvirostris id., ibid., p. 1013, 1831 : Trieste, Austria.
Podiceps orientalis Brehm, Vogelfang, p. 402, 1855 : Red Sea.

***Podiceps ruficollis* Vroeg.**

- (*Colymbus ruficollis* Vroeg, Cat. d'Ois. Adumb., p. 6, 1764 : Holland, Europe.)

***Podiceps ruficollis capensis* Salvadori.**

- Podiceps capensis* Salvadori, Ann. Mus. Civ. Gen. (2), vol. i, p. 262, 1884 : Shoa, East Africa.
Podiceps albipennis Sharpe, Bull. B. O. C., vol. iv, p. 4, 1894 : India.
Podiceps minor var. *pandubia* Hodgs., Zool. Misc., p. 56, 1844, *nom. nud.*
Podiceps albescens Mandelli, Str. Feath., vol. v, p. 486, 1877 : Native Sikkim.

Genus *COLYMBUS*.

- Colymbus* Linn., Syst. Nat., 10th ed., vol. i, p. 135, 1758.
 Type by sub. desig., Gray, 1855, *C. arcticus* Linn.
Gavia Forster, Enchiridion Hist. Nat., p. 38, 1788 ; not *Gavia* Gmelin, 1770.
Urinator Lacépède, Tabl. Oiseaux, p. 83, 1799, and in Buffon's Nat. Hist., Quadr., vol. xiv, p. 310, 1799.
 Type by orig. desig., *U. immer* Brünn.
Eudytes Illiger, Prodromus Syst. Mam. et Aves, p. 282, 1811.
 Type by orig. desig., *E. septentrionalis* Linn.

***Colymbus arcticus* Linn.**

- (*Colymbus arcticus* Linn., Syst. Nat., 10th ed., vol. i, p. 135, 1875 : Sweden. Europe.)

***Colymbus arcticus suschkini* Zarudny.**

- Urinator arcticus suschkini* Zarudny, Orn. Mitt., p. 111, 1912 : Turkestan.

***Colymbus stellatus* Pontoppidan.**

Colymbus stellatus Pontoppidan, Danske Atlas, vol. i, p. 621, 1763 : Denmark ; ex Willoughby, pl. 62.

Colymbus lumme Gunnerus, Trond. Selsk. Skr., vol. i, pl. ii, fig. 2, 1761 : Norway.

Colymbus borealis Brünn., Orn. Bor., p. 39 : 1764.

Colymbus septentrionalis Linn., Syst. Nat., 12th ed., vol. i, p. 220, 1766 : Northern Europe.

Plotus claudicans Scop., Annus I. Hist. Nat., p. 72, 1769 : North Italy.

Mergus nævia Tunstall, Orn. Brit., p. 3, 1771, ex Pennant, Brit. Zool.

Urinator striatus Lacépède, Tabl. Oiseaux, and in Didot's edition Buffon's Nat. Hist., Quadr., vol. xiv, p. 30, 1799.

Urinator bailloni id., ibid., p. 311.

Colymbus rufogularis Meyer & Wolf, Taschenb. Deutsch. Vögel, vol. ii, p. 433, 1810 ; new name only for *C. septentrionalis* Linn.

Colymbus mülleri Brehm, Isis, 1820, p. 984 : Greenland.

Colymbus microrhynchus id., Vogelfang, p. 405, 1858 : Germany.

CORRIGENDA AND ADDENDA.

VOL. I.

P. 23.

(2) *Corvus corax tibetanus*.

THE TIBETAN RAVEN.

Meinertzhagen (Nov. Zool., vol. xxxiii, p. 98, 1826) unites under one name the Tibetan Raven with those from Greenland, Iceland and North-East Asia. I am not satisfied that they are identical, the deep green sheen of the Himalayan and Tibetan race alone sufficing to distinguish it from the more Northern birds.

P. 24.

(4) *Corvus corone orientalis*.

Range. Add: Persia.

Nidification. Breeds commonly in Ladak, Northern Kashmir and Tibet.

Osmaston has taken numerous nests and eggs in Ladak.

P. 25.

Corvus coronoides.

Hartert, in a review of these Crows (Nov. Zool., vol. xxxv, p. 53, 1929), comes to the conclusion that there are in Australia two definite species, with neither of which are our Indian and Indo-Malayan races conspecific. With this conclusion I agree; accordingly, our species of Jungle-Crow will have to bear the specific name of *levaillanti* and, in consequence:—

P. 27.

For (5) *Corvus coronoides levaillanti*

read (5) *Corvus levaillanti levaillanti*.

P. 28.

For (6) ***Corvus coronoides culminatus***
 read (6) ***Corvus levaillanti culminatus***.

For (7) ***Corvus coronoides intermedius***
 read (7) ***Corvus levaillanti intermedius***.

P. 29.

For (8) ***Corvus coronoides andamanensis***
 read (8) ***Corvus levaillanti andamanensis***.

Add (8 a) ***Corvus levaillanti macrorhynchus***.

THE MALAY JUNGLE-CROW.

Corvus macrorhynchus Wagler, Syst. Av., *Corvus*, sp. 3, 1827 : Java.

Description. Similar to *C. l. andamanensis* but with a longer bill and wing, the latter averaging 336·4 mm.

Distribution. Extreme south of Tenasserim and Siam to Java.

Habits and nidification similar to those of the other races.

P. 40.

For ***Urocissa melanocephala***

read ***Urocissa erythrorhyncha***.

Corvus erythrorhynchus Boddaert, Tabl. Pl. Enlum., D'Aub., p. 38, 1783 : China.

Both Boddaert's and Gmelin's names are founded on D'Auberton's pl. no. 622. The names for this species will therefore be :—

P. 41.

For (19) ***Urocissa melanocephala melanocephala***

read (19) ***Urocissa erythrorhyncha erythrorhyncha***.

For (20) ***Urocissa melanocephala occipitalis***

read (20) ***Urocissa erythrorhyncha occipitalis***.

P. 42.

For (21) ***Urocissa melanocephala magnirostris***

read (21) ***Urocissa erythrorhyncha magnirostris***.

P. 50.

Add (27 a) **Dendrocitta rufa pallida.**

THE NORTH-WESTERN TREE-PIE.

Dendrocitta pallida Blyth, J. A. S. B., vol. xv, p. 30, 1846 : Simla.

Description. Differs from *D. r. rufa* in being rather paler and larger. Wing 152 to 177 mm., as against 135 to 165 mm. in the latter (Ticehurst, Ibis, 1922, p. 527).

Distribution. Sind, Rajputana, Punjab, N.W. Frontier and N.W. Himalayas.

P. 52.

For **Dendrocitta sinensis**

read **Dendrocitta formosæ.**

Dendrocitta formosæ Swinhoe, Ibis, 1863, p. 387 : Formosa.

Corvus sinensis Gould, 1832, is preoccupied by *Corvus sinensis* Lath., Index Orn., vol. i, p. 161, 1790 : Macao.

For (32) **Dendrocitta sinensis himalayensis**

read (32) **Dendrocitta formosæ himalayensis.**

P. 53.

For (33) **Dendrocitta sinensis assimilis**

read (33) **Dendrocitta formosæ assimilis.**

Add (33 a) **Dendrocitta formosæ occidentalis.**

THE WESTERN HIMALAYAN TREE-PIE.

Dendrocitta formosæ occidentalis Ticehurst, Bull. B. O. C., vol. xlvi, p. 22, 1925 : Simla.

Description. Larger than *D. f. himalayensis*; wing 145 to 160 mm.

Distribution. N.W. Himalayas.

P. 56.

For (36) **Crypsirhina varians**

read (36) **Crypsirina temia.**

Corvus temia Daudin, Traité Elem. Orn., pl. 244, 1800 : Java.

This name antedates *Corvus varians* Lath., and must be used.

P. 58.

For Genus **PLATYSMURUS**read Genus **GLENARGUS.***Glenargus* Cabanis, Mus. Hein., vol. i, p. 216, 1851.

Platysmurus Reichenb., Av. Syst., p. lxxx, 1850, is indeterminate, and is cited by Cabanis as a doubtful synonym.

For (38) **Platysmurus leucopterus**read (38) **Glenargus leucopterus.**

P. 68.

Genus **PYRRHOCORAX.**

The correct reference is Tunstall, Orn. Brit., p. 2, 1771.

Type by taut., *Upupa pyrrhocorax* Linn.

Meinertzhagen separates the Indian form under the name *P. p. himalayanus* Gould, P. Z. S., 1872, p. 125. The supposed differences in size overlap too much to enable me to separate them.

P. 70.

(49) **Pyrrhocorax graculus.**

In this species also I find that *P. forsythii* Stoliczka cannot be maintained.

P. 76.

For (53) **Parus major kaschmiriensis**read (53) **Parus major caschmiriensis.**Delete (52) **Parus major intermedius.**

Whistler has shown (*in loc. cit. infra*) that *Parus major intermedius* is a different bird to the one found on the Indian Frontier, having very little white on the outer tail-feathers, whereas the Indian race is much paler, with the outermost tail-feathers almost entirely white; in fact it is hardly distinguishable from typical *caschmiriensis*. The material in the British Museum and Tring Museum would not, indeed, substantiate its separation from that bird. Beautiful fresh specimens in the collections of Messrs. Ticehurst and Whistler are, however, very slightly paler and more blue-grey than the Kashmir birds, so, *provisionally*, I admit the Northern Indian Frontier bird as a race which has been named by Whistler as follows:—

(52) **Parus major ziaratensis.**

THE ZIARAT GREY-TIT.

Parus major ziaratensis Whistler, Bull. B. O. C., vol. 1, p. 6, 1926: Ziarat.

Description. Paler and more blue-grey on the upper parts, the

white on the tail more in extent. Bill smaller and stumpier, 11.5 to 12 mm., as against 11.5 to 13 mm. in *caschmiriensis*.

It is quite possible that a series of Kashmir birds in perfect plumage would prove to be indistinguishable.

Distribution. North-West Frontier of India; Baluchistan.

P. 77.

Delete (54) *Parus major planorum*.

It is now certain that no form of *P. major* breeds in the Plains of India, and the eggs referred to in vol. i of the 'Avifauna' were recorded from Lahore by mistake. The birds named *planorum* in the British Museum are merely small *caschmiriensis*.

P. 80.

Add (59 a) *Parus monticolus lepcharum*¹

THE SIKKIM GREEN-BACKED TIT.

Parus monticolus lepcharum Meinertz., Bull. B.O.C., vol. xlvi, p. 97, 1926: Sikkim.

Description. Darker than the typical form.

Distribution. "Sikkim and Eastern Nepal between 4,000 and 8,800 ft. in winter" (*Meinertzhagen*).

To Meinertzhagen's distribution must be added the hills north and south of the Brahmapootra to the Chin Hills.

P. 82.

(62) *Parus palustris poecilopsis*.

Distribution. Add: Kampetlet, Chin Hills, 7,000 ft. A specimen was obtained here by Lieut. H. Wood.

P. 94.

Add (77 a) *Aegithaliscus concinnus rubricapillus*.

THE SIKKIM RED-HEADED TIT.

Aegithaliscus concinnus rubricapillus Ticehurst, Bull. B.O.C., vol. xlvi, p. 22, 1925: Sikkim.

Description. Similar to *A. c. iredalei* but smaller; wing 40 to 52 mm. as against 50 to 57 mm. in that bird; in fresh plumage more blue and less grey on the back; head and flanks generally darker chestnut.

Distribution. Sikkim to the Mishmi and Miri Hills over 4,000 ft.

P. 98.

(83) *Aegithaliscus leucogenys*.

Distribution. Add: Baluchistan (Ticehurst, Ibis, 1927). Williams obtained two specimens in August 1927 near Quetta.

P. 98, line 15.

For "Safed Koh at 1,800 feet" read "Safed Koh at 8,100 feet."

P. 99.

For (85) *Aegithaliscus ioschistos*
read (85) *Aegithaliscus iouschistos*.

P. 123.

For (110) *Sitta castaneiventris castaneiventris*
read (110) *Sitta castanea catanea*.

Sitta castanea Lesson, Traité d'Orn., p. 316, Sept. 1830.

This name antedates *Sitta castaneoventris* Franklin, October 1831.

P. 125.

For (111) *Sitta castaneiventris cinnamomeoventris*
read (111) *Sitta castanea cinnamomeoventris*.

P. 126.

For (112) *Sitta castaneiventris neglecta*
read (112) *Sitta castanea neglecta*.

P. 129.

For (116) *Sitta neumayer tephronota*
read (116) *Sitta tephronota iranica*.

Sitta tephronota iranica Buturlin, Trans. Soc. Imp. Nat. Petrop., vol. xliv, p. 178, 1916: Persian Transcaspia.

(For review of these species, see Stresemann, Orn. Monatsb., vol. xxxiiii (4), p. 109, 1925.)

P. 141.

For (122) *Dryonastes chinensis leucogenys*

read (122) *Dryonastes chinensis propinquus*.

Dryonastes chinensis propinquus Salvadori, Ann. Mus. Civ. Genova, 1915, p. 6: Thagut, Tenasserim.

Blyth named his bird, *D. leucogenys*, from a Chinese specimen (see Kinnear, Ibis, 1929, p. 147), and his name therefore becomes a synonym of *D. chinensis*, and our bird must be known as above.

Blyth explains this himself in J. A. S. B., vol. xii, p. 948, a note I had overlooked.

P. 146.

(128) *Garrulax leucolophus leucolophus*.

Distribution should be restricted to the N.W. Himalayas, East to Sikkim.

P. 148.

Add (128 a) *Garrulax leucolophus hardwickii*.

Garrulax leucolophus hardwickii Ticehurst, Bull. B. O. C., vol. xlvi p. 113, 1926 : Naga Hills.

Description. Differs from *G. l. leucolophus* in being more rufescent above and darker on the flanks and underparts, in having no white on the abdomen, and in being rather smaller. Wing 124 to 135 mm.

Distribution. Garhwal and N.W. Himalayas.

(129) *Garrulax leucolophus belangeri*.

The type-locality should be Pegu.

P. 151.

For (133) *Garrulax pectoralis semitorquata*read (133) *Garrulax pectoralis meridionalis*.

Garrulax pectoralis meridionalis Robinson & Kloss, Bull. B. O. C., vol. xl, p. 11, 1919 : Koh Lak, S.W. Siam.

Kinnear, Bull. B. O. C., vol. xliv, p. 103, July 1924, shows that the birds from Hainan, *G. p. semitorquata*, are much smaller than those from Tenasserim, i.e., wing 127 to 128 mm., as against 143 to 152 mm. in the latter. He names this form *G. p. confusa*, but Robinson and Kloss had already given it a name as above.

P. 152.

For (136) *Garrulax gularis*read (136) *Garrulax gularis gularis*.

Delacour has named a subspecies from Annam *G. g. auratus* (Bull. B. O. C., vol. xlvii, p. 15, 1926 : Laos).

P. 161.

Genus TROCHALOPTERUM.

The original spelling is *Trochalopteron* Blyth, ex Hodgs. MS., J. A. S. B., vol. xii, p. 952, 1843.

The spelling should be corrected accordingly throughout this genus and elsewhere as necessary.

P. 163.

Trochalopteron erythrocephalum.*Key to Subspecies.*

T. e. woodi has the breast unspotted. The following key to the subspecies should therefore be substituted for that given on this page:—

- A. Back and breast with large round black spots.
 - a. No conspicuous grey supercilium.
 - a'. Ear-coverts chestnut, tipped black and white
 - b'. Ear-coverts black, edged pinkish white.
 - c'. Ear-coverts chestnut, like the crown ..
 - b. A conspicuous grey supercilium
 - B. Back only with spots; breast unspotted .. *T. e. woodi*.
 - C. Back and breast with brown oval spots.... *T. e. chrysopterum*.
 - D. No spots on back or breast.
 - c. Only chin and throat rufous
 - d. Rufous extending to breast also
- T. e. erythrocephalum.*
T. e. nigrimentum.
T. e. erythrolæma.
T. e. godwini.
T. e. melanostigma.
T. e. ramsayi.

P. 167.

(159) **Trochalopteron erythrocephalum erythrolæma.**

Measurements. As in the typical form.

P. 170.

- For (159) **Trochalopterum milnei sharpei**
 read (159) **Trochalopteron milni sharpei**.

P. 181.

- For (172) **Trochalopterum lineatum griseicentior**
 read (172) **Trochalopteron lineatum grisecentior**.

P. 185.

- Add (177 a) **Grammatoptila striata sikkimensis**.
 THE SIKKIM STRIATED LAUGHING-THRUSH.

Grammatoptila striata sikkimensis Ticehurst, Bull. B.O.C., vol. xliv, p. 104, 1924: Sikkim.

Description. Smaller and darker than the typical form. "Wing 130 to 141 mm. as against 145 to 165 mm." (Ticehurst).

Distribution. Sikkim and Eastern Nepal to Bhutan and North-West Assam.

P. 188.

- For (181) **Babax lanceolatus victoriæ**
 read (181) **Babax lanceolatus woodi**.
Babax woodi Finn, J. A. S. B., vol. lxxi (2), p. 125, 1902: Victoria, Chin Hills.

Finn's name antedates *victoriæ* of Rippon by three years, and must be used.

P. 192.

- For (186) *Turdoides griseus griseus*
 read (186) *Turdoides striatus polioplocamus*.
Turdoides striatus polioplocamus Oberholser, Proc. Biol. Mus. Washington, vol. xxxiii, p. 84, 1920 : Carnatic.

Oberholser shows that *Turdus griseus* Gmelin is preoccupied by *Turdus griseus* Boddaert, and cannot be used. *Striatus* is the next oldest name to *griseus*, and so becomes the generic name.

P. 194.

- For (187) *Turdoides griseus striatus*
 read (187) *Turdoides striatus striatus*.

P. 197.

- For (191) *Argya earlii*
 read (191) *Argya earlei*.

P. 199.

- Add (191 a) *Argya caudata eclipses*.
 HUME'S COMMON BABBLER.

Chotorrhea eclipses Hume, Str. Feath., vol. v, p. 387, 1877 : Peshawar.

Description. Darker than *A. c. caudata*, with the central stripes on the upper parts more developed and the thorax much whiter.

Measurements. " Wing, ♂, 81 to 87 mm. ; ♀, 79·0 to 81 mm. ; bill from skull, ♂, 21 to 23 mm. ; ♀, 19·5 to 21 mm." (Ticehurst).

Distribution. N.W. Punjab ; Trans-Indus and low hills leading into Kashmir, Baluchistan.

P. 208.

- (203) *Pomatorhinus nuchalis*.

Measurements of tail should read " 110 to 120 mm."

P. 210.

- For (206) *Pomatorhinus horsfieldi horsfieldi*
 read (206) *Pomatorhinus horsfieldii horsfieldii*.

Similar alterations should be made on subsequent pages where required.

The reference should be P.Z.S., 1832, p. 89, not 39.

P. 224.

- For Genus **XIPHIRAMPHUS**
 read Genus **XIPHORAMPHUS**.

P. 227.

For (228) *Timalia pileata jerdoni*read (228) *Timalia pileata intermedia*.*Timalia pileata intermedia* Kinnear, Bull. B. O. C., vol. xlv, p. 9, 1924: Toungoo.

Kinnear shows that Walden's *T. jerdoni* came from the Khasia Hills and is therefore a synonym of *T. bengalensis*, and cannot be used for the Burmese race.

P. 229.

For (230) *Dumetia albicularis albicularis*read (230) *Dumetia albogularis albogularis*.

P. 233.

For Genus *PYCTORHIS* Hodgs.read Genus *CHRYSONOMMA* Blyth.*Chrysomma* Blyth (ex Hodgs. MS.), J. A. S. B., vol. xii, p. 181, 1843.

Type by orig. desig., *Chrysomma hypoleuca* Franklin = *C. sinensis* Gmelin.

This name antedates *Pyctorhis* Hodgson by a year, and *Chrysomma* must therefore take the place of *Pyctorhis*, pp. 223-237.

P. 234.

Add (234 a) *Chrysomma sinensis hypoleuca*.

THE WESTERN YELLOW-EYED BABBLER.

Timalia hypoleuca Franklin, P. Z. S., 1830-31, p. 118, Oct. 5, 1831
(between Calcutta and Benares; restricted to United Provinces,
Ticehurst, Ibis, 1922, p. 542).

Description. Paler and more grey on the upper parts than *C. s. sinensis*.

Distribution. United Provinces and the whole of the North-West of India, west of Bengal and Behar.

P. 240.

(243) *Pellorneum ruficeps mandellii*.

The date of the reference should be 1872, not 1844.

P. 242.

For (245) *Pellorneum ruficeps minus*read (245) *Pellorneum ruficeps minor*.

P. 242.

(246) **Pellorneum palustre.**

The reference should be Gould, Birds of Asia, pt. xxiv, vol. iii, pl. 65, March 1872, ex Jerdon MS.

Jerdon's name in 'The Ibis' was not published until July 1872.

P. 245.

For (249) **Pellorneum fuscicapillum fuscicapillum**

read (249) **Pellorneum fuscocapillum fuscocapillum.**

P. 248.

For Genus **CURSONIA**

read Genus **GYPSOPHILA.**

Gypsophila Oates, Hand-b. Birds of Brit. Burm., vol. i, p. 61, 1883.

Cursonia was created by Skinner to replace *Gypsophila*, said to be preoccupied but, as it is only preoccupied in Botany, it can still be employed in Zoology.

Type by mon., *Turdinus crispifrons* Blyth.

P. 250.

For Genus **TURDINULUS**

read Genus **NAPOTHERA.**

Napothera Gray, App. List. Gen. Birds, p. 8, 1842.

Type by orig. desig., *Turdinulus epilepidotus* Temm.

This name antedates *Turdinulus* Huime, 1878.

P. 251.

For (255) **Turdinulus brevicaudatus brevicaudatus**

read (255) **Napothera brevicaudata brevicaudata.**

For (256) **Turdinulus brevicaudatus striatus**

read (256) **Napothera brevicaudata striata.**

P. 252.

For (257) **Turdinulus brevicaudatus venningi**

read (257) **Napothera brevicaudata venningi.**

P. 257.

For Genus **HORIZILLAS** Oberholser

read Genus **OPHYRDORNIS.**

Ophydornis Büttikofer, Notes Leyden Mus., vol. xvii, p. 101, 1895.

Type by orig. desig., *Setaria albicularis* Blyth.

This name was apparently overlooked by Oberholser in 1905.

P. 258.

- For (265) *Erythocichla bicolor*
 read (265) *Erythocichla bicolor bicolor.*

P. 259.

- For (266) *Aethostoma rostrata*
 read (266) *Aethostoma rostratum rostratum.*

Robinson and Kloss have distinguished the Bornean bird as *A. r. witmeri* Sharpe and restricted the type-locality to Singapore.

Distribution should read: Malay States and extreme south of Tenasserim, Sumatra.

P. 260.

Genus MALACOCINCLA.

The correct reference is Blyth, J. A. S. B., vol. xiv, p. 600, *post Aug.* 1845.

P. 262.

- For (269) *Thringorhina guttata*
 read (269) *Thringorhina guttata guttata.*

Kinnear has described a new race of this species, *T. g. diluta*, from Yunnan. Robinson and Kloss consider both these birds to be races of *Thringorhina striata*. More material may prove them to be right.

P. 267.

- (275) *Stachyris chrysaea assimilis.*

In the reference the year should be 1875, *not* 1895.

- (276) *Stachyris chrysaea chrysops.*

Distribution. In first line, for "Assam" read "Siam."

P. 269.

- Add (277 a) *Stachyridopsis ruficeps bangsi.*

THE YUNNAN RED-HEADED BABBLER.

Stachyridopsis ruficeps bangsi La Touche, Bull. B. O. C., vol. xliv, p. 32, 1923: Mitali, S.E. Yunnan.

Description. Intermediate between *S. r. ruficeps* and *S. r. bhamoensis*. The under-plumage is decidedly more yellow and less rufous than in the former; brighter and more yellow, less pale oily greenish-yellow, than in the latter.

Distribution. N.W. Yunnan, Kaori Kachin District of East Burma, Yunnan and Tonkin.

This race is rather doubtfully distinct from the Chinese race, *S. r. davidi*, and more material may prove it to be the same. Its distribution is also indefinite, and requires working out. Probably the Tonkin bird will be referable to *S. r. davidi*, and all those from the rest of its supposed range to *S. r. bhamoensis*.

P. 271.

For (282) *Cyanoderma erythroptera erythroptera*
 read (282) *Cyanoderma erythropterum erythropterum.*

The type-locality has been restricted to Singapore.

P. 272.

For **Mixornis rubricapilla**

read **Mixornis gularis.**

Timalia gularis Horsf., Trans. Linn. Soc., vol. xiii, pt. 2, p. 312,
 Feb. 1822: Sumatra.

The first application of the name *gularis* is *Timalia gularis* Horsf., Feb. 1822, and not *Motacilla gularis* Raffles, Nov. 1822.

P. 273.

For (283) **Mixornis rubricapilla rubricapilla**

read (283) **Mixornis gularis rubricapilla.**

P. 274.

For (284) **Mixornis rubricapilla minor**

read (284) **Mixornis gularis minor.**

For (285) **Mixornis rubricapilla pileata**

read (285) **Mixornis gularis pileata.**

P. 280.

For (293) **Alcippe poiocephala magnirostris**

read (293) **Alcippe poiocephala karenni.**

Alcippe phaeocephala karenni Robinson & Kloss, J. A. S. B., new series, vol. xviii, p. 563, 1922: Karenni.

The name *Alcippe magnirostris* Walden, 1815, is preoccupied by *Alcippe magnirostris* Moore, 1854 (= *Horizillas magnirostris*), and cannot be used. Robinson and Kloss propose the above new name.

P. 286.

For (300) **Schœniparus rufigularis**

read (300) **Schœniparus rufigularis rufigularis.**

Other races of this Tit-Babbler have now been described, and the name should therefore be as above.

P. 288.

(302) *Pseudominla castaneiceps castaneiceps*.

Date of reference should be 1838, p. 33.

P. 291.

Add (304 a) *Fulvetta vinipecta kangrae*.

THE KANGRA VALLEY FULVETTA.

Fulvetta vinipecta kangrae Ticehurst, Bull. B. O. C., vol. xliv, p. 71, 1923: Palampur, N.W. Himalayas

Description. "Differs from *F. v. vinipecta* in the pure white unstreaked throat, in the lesser extent of the vinous wash on the lower breast and flanks and the paler tint of the abdomen. The back is a pale brown and the cheeks and ear-coverts are blacker, less brownish in tint, but these two characters are less constant" (Ticehurst).

Distribution. North-West Himalayas (Dharmasala, Patampur, Palampur).

P. 292.

(307) *Fulvetta manipurensis*.

The date of the reference should be 1906.

P. 293.

For (309) *Lioparus chrysotis*read (309) *Lioparus chrysotis chrysotis*.Add (309 a) *Lioparus chrysotis forresti*.

THE YUNNAN GOLDEN-BREASTED FULVETTA.

Lioparus forresti Rothschild, Bull. B. O. C., vol. xlvi, p. 64, 1926: Shweli-Salwin Divide, Yunnan.

Description. Similar to *L. c. chrysotis*, but with the under-plumage a brighter, more orange-yellow; crown with a central line of longitudinal white spots. Wing of four specimens 53-54 mm.

Distribution. Yunnan. Harington obtained in the Shan States a *Lioparus chrysotis* which was apparently of this race. In epistola he calls the specimen "a very deep yellow colour, almost orange, below."

P. 295.

For Genus SIBIA

read Genus HETEROPHASA.

Heterophasa Blyth, J. A. S. B., vol. xi, p. 186, 1842.

Type by mon., *Heterophasa cuculopsis* = *Sibia picaoides* Hodgs.

The name *Sibia* was applied by Hodgson first to *Cinclosoma nipalensis* (Asiat. Res., vol. xix, p. 145, 1836), and cannot therefore be used for the present species. The generic name must be *Heterophasa* Blyth.

P. 300.

- For (317) *Leioptila annectens annectens*
 read (317) *Leioptila annectans annectans.*

P. 304.

- (322) *Actinodura egertoni khasiana.*

For "J. A. S. B., vol. xv," read "J. A. S. B., vol. xlv."

P. 306.

- (325) *Actinodura ramsayi radcliffei.*

The reference should be Bull. B. O. C., vol. xxvii, *not* xiii.

P. 307.

For Genus **IXOPS** Hodgs.

read Genus **SIBIA** Hodgs.

Sibia Hodgs., Asiat. Res., vol. xix, p. 145, 1836.

Type by mon., *Cinclosoma nipalensis* Hodgs.

The name *Ixops*, 1844, is antedated by Hodgson's own name *Sibia* for *Cinclosoma nipalensis*, 1836, and cannot therefore be used.

- For (326) *Ixops nipalensis nipalensis*
 read (326) *Sibia nipalensis nipalensis.*

P. 308.

- For (327) *Ixops nipalensis waldeni*
 read (327) *Sibia nipalensis waldeni.*

P. 309.

- For (328) *Ixops nipalensis poliotis*
 read (328) *Sibia nipalensis poliotis.*

- For (329) *Ixops nipalensis daflaensis*
 read (329) *Sibia nipalensis daflaensis.*

Genus **STAPHIDIA**.

The spelling should be *Staphida*.

P. 310.

(330) *Staphida castaneiceps*.

The first reference should be Horsf. & Moore, Cat. B. Mus. E. I. Co., vol. i, p. 41, Nov. 8, 1854. The P. Z. S., 1854, were not published until April 1855.

P. 314.

Add (334 a) *Siva strigula simlaensis*.

THE SIMLA SIVA.

Siva strigula simlaensis Meinertz., Bull. B. O. C., vol. xlvi, p. 128, 1926: Simla.

Description. "Crown paler, more lemon-colour than *S. s. strigula*. Back with considerable but variable amount of grey. The chestnut mark on the central rectrices rarely reaches to the end of the proximal half of the feather, and is often somewhat dilute and pale" (Meinerzhagen).

Distribution. N.W. Himalayas, East to the Garhwall Hills.

(334 b) *Siva strigula victoriæ*.

THE CHIN HILLS SIVA.

Siva strigula victoriæ Meinertz., *ibid. (supra)*: Mt. Victoria, Chin Hills.

Description. "Very near *S. s. strigula*, with the forehead often darker. The chestnut of the tail as in *S. s. castaneicauda*, i.e., the chestnut marks always reach within 17 mm. of the feather-tips. The chestnut is of a deeper tone than in *S. s. strigula* and *S. s. simlaensis*. Lores and ear-coverts grey (rarely dark grey), but never so black (smoky black) as in *S. c. castaneicauda*."

Distribution. Hills south of the Brahmapootra, Chin, Kachin Hills and Shan States.

Of these two races, *S. s. simlaensis* is fairly well definable, as I pointed out (p. 314 of vol. i). *S. s. victoriæ* varies so extraordinarily individually that it forms a very doubtful race, and I accept it with much hesitation. It appears to me that the gradation between the three races accepted by me originally, *S. s. strigula*, *S. s. castaneicauda* and *S. s. yunnanensis*, is very gradual and extends over an immense area, so that, whilst birds from the central areas are constant, those from the intervening areas vary so much *inter se* that it is difficult to form any races of which the limits can be defined.

P. 318.

For (341) *Yuhina diademata ampelina*

read (341) *Yuhina diademata*.

Yuhina diademata Verreaux, Nouv. Archiv. Mus. Paris, vol. v, Bull., p. 35, 1876: Thibet Orientale.

Rothschild (Nov. Zool., vol. xxx, p. 258, 1825) has shown that

Rippon's bird was merely a freshly-moulted specimen compared with others which were faded. Forrest's fine series of 27 specimens, collected at 11,000–18,000 ft., from Lichiang shows this clearly.

Distribution. This must accordingly be extended, and now includes Eastern Tibet, Szechuan, Yunnan and Kachin Hills.

P. 322.

Add (345 a) *Ixulus flavigularis albicollis*.

THE WESTERN YELLOW-HEADED IXULUS.

Ixulus flavigularis albicollis Ticehurst, Bull. B. O. C., vol. xliv, p. 31, 1924 : Dharamsala, 4000 ft..

Description. "A larger paler race than *I. f. flavigularis*. The sides of the neck and whole head are markedly paler, the ferruginous brown of these parts being posteriorly bordered by, and giving place to, white; the upper surface in freshly-moulted birds is a cold, greyish-brown, as contrasted with the warm olive-brown of the typical race; the whole of the underparts is paler and whitish in tone, marked with cold olive-grey instead of warm olivaceous."

"Wing 62 to 69·5 mm.; mostly 64 to 69·5 mm. as against 60·5 to 66 mm., mostly 60·5 to 65·5 mm. in *I. f. flavigularis*" (Ticehurst).

Distribution. North-Western Himalayas to Western Nepal.

P. 327.

Genus LIOTHRIX.

The original spelling is *Leiothrrix*. The names therefore become

Subfamily LEIOTHRICINÆ.

Genus LEIOTHRIX,

and wherever used on pp. 327–29 the name *Liothrix* should be altered to *Leiothrix*.

P. 329.

(352) *Cutea nipalensis nivalensis*.

The page of the reference should be 773.

P. 333.

For (355) *Pteruthius æralatus æralatus*

read (355) *Pteruthius flaviscarpis æralatus*.

Robinson and Kloss have shown that the forms hitherto considered to be races of *æralatus* must be treated as forms of Temminck's *flaviscarpis* from Java (Temm., Pl. Col., no. 589, fig. 1, 1836 : Java).

P. 333.

For (356) *Pteruthius melanotis melanotis*

read (365) *Pteruthius ænobarbus melanotis*.

All the subspecies here described of *melanotis* appear to be merely geographical races of *Pteruthius ænobarbus* Temm. (Pl. Col. pl. 569, fig. 2, 1836: Java).

P. 335.

For (357) *Pteruthius melanotis intermedius*

read (357) *Pteruthius ænobarbus intermedius*.

(358) *Pteruthius xanthochloris xanthochloris*.

The earliest reference is Gray, Cat. Mam. Birds Nepal, pp. 95, 155, 1846, ex Hodgs., Zool. Misc., p. 83, 1844, *nom. nud.*: Nepal.

P. 336.

Add (358 a) *Pteruthius xanthochloris hybridus*.

HARINGTON'S CHIN HILLS GREEN SHRIKE-BABBLER.

Pteruthius pallidus hybridus Harington, Bull. B.O.C., vol. xxxiii, p. 82, 1913: Chin Hills.

Description. Very like *P. x. occidentalis*, but having a white ring round the eye, and the plumage, both above and below, darker and duller; the grey of the head is confined to the crown and nape, and never extends to the shoulders as in *P. x. pallidus*.

Distribution. Chin Hills.

P. 338.

(361) *Aethorhynchus lafresnayi*.

Kloss considers that two races of this Iora are recognizable, *Ae. l. lafresnayi*, Malaccas (Malay Peninsula, Siam, etc.), and a northern form, *Ae. l. innonata* Blyth (J. A. S. B., vol. xvi, p. 15, 1847: Arakan). Good series may possibly be separable, but on the material available I cannot distinguish them.

P. 342.

For (363) *Ægithina tiphia zeylonica*

read (368) *Ægithina tiphia multicolor*.

Fringilla multicolor Gmelin, Syst. Nat., vol. i, p. 924, 1788: Ceylon.

This name takes page precedence of *Motacilla zeylonica*, which appears on p. 964 of the same work.

P. 349.

(371) *Chloropsis hardwickii hardwickii*.

The date of reference should be Dec. 1830, *not* 1829.

P. 350.

For (372) *Chloropsis icterocephala chlorocephala*
 read (372) *Chloropsis cochinchinensis cochinchinensis*.
Turdus cochinchinensis Gmelin, Syst. Nat., vol. i, p. 825, 1788: Cochin China.

This name, as pointed out by Kloss (Jour. Malay Br. A. S. B., vol. iv, p. 162, 1926), antedates *Phyllornis chlorocephalus* of Walden, 1871, and must be used.

P. 351.

For (373) *Chloropsis viridis zosterops*
 read (373) *Chloropsis sonnerati zosterops*.
Chloropsis sonnerati Jardine & Selby, Illus. Orn., pl. C, Aug. 1830 (Java).

Turdus viridis Horsfield, 1821, is preoccupied by *Turdus viridis* Müller, Natursyst. Suppl., p. 142, 1776: Java.

P. 352.

(374) *Chloropsis jerdoni*.

Kloss considers that the name of this bird should be *Chloropsis caesmorhynchus* Tickell, J. A. S. B., vol. ii, p. 577, 1833. In J. A. S. B., vol. xii, Blyth writes: "This name would appear, however, to be merely a misprint for *Gamsorhynchus* of Jardine and Selby"; and he adds (*ibid.*, xiii): "the specimen which I described as the female *caesmorhynchus* Tickell proves to be a male of the species referred to, *Ch. cochinchinensis* of Mr. Jerdon; but it is doubtful if it be the true *cochinchinensis* auct. Should it prove distinct I propose for it the appellation *Ph. jerdoni*."

In J. A. S. B., vol. xiv, p. 566, Blyth again notes: "*Ph. jerdoni* ♂, described as ♀, J. A. S. B., vol. xiii, p. 956, *Ph. malabaricus* Gmelin. *Ch. caesmorhynchus**."

P. 354.

(376) *Mesia argentauris argentauris*.

Distribution. Add: Malay Peninsula (Kloss).

P. 355.

(377) *Minla ignotincta*.

The page of the reference should be 88, not 33.

* The unmeaning name *caesmorhynchus* (apud Tickell) vel *casmorhynchus* (apud Gray) is only a misprint for *gamsorhynchus* of Jardine and Selby. Griffiths, Anim. Kingdom, vol. i, has the name *Chloropsis caesmorhynchus* for Jardine, Ill. Orn., p. 67. Under the circumstances I retain the name *Chloropsis jerdoni*.

P. 361.

The following keys and names should be used :—

Genus **CRINIGER** Temm.

Criniger Temm., Man. d'Orn., vol. i, p. x, 1820.

Type by mon., *C. barbatus* Temm. & Schleg.

Key to Species.

- A. Lower plumage brown or ochraceous brown *C. gutturalis*.
- B. Lower plumage yellow or ochraceous yellow *C. gularis*.

P. 362.

Criniger tephrogenys.

The name *tephrogenys* cannot be employed, as Kloss has shown. Moreover there appear to be two distinct species included in the above name, as it has been proved that the two overlap and breed in the same area.

(379) **Criniger gutturalis ochraceus.**

Criniger ochraceus Gray, Cat. Birds Mus. E. I. Co., vol. i, p. 252, 1854: Tenasserim.

P. 363.

For (380) **Criniger tephrogenys flaveolus**
read (380) **Criniger gularis flaveolus.**

P. 364.

For (381) **Criniger tephrogenys burmanicus**
read (381) **Criniger gularis burmanicus.**

P. 365.

For (382) **Criniger tephrogenys griseiceps**
read (382) **Criniger gularis griseiceps.**

For (383) **Criniger tephrogenys grandis**
read (383) **Criniger gutturalis henrici.**

Criniger henrici, Bull. Mus. Paris, 1896, p. 185: S. Yunnan.

Delacour, Ibis, 1928, p. 291, shows that my *grandis* cannot be separated from Oustalet's *henrici*, of which the type-locality must be accepted as Yunnan, whilst Delacour has given the smaller Annam and Siam bird, which I considered to be *henrici*, a new name.

P. 368.

For (385) **Alophoixus phæocephalus**
read (385) **Alophoixus phæocephalus phæocephalus.**

Alophoixus diardi of Finsch, from Borneo and Java, is separable from the typical form.

P. 373.

Add (389 a) **Microscelis leucocephalus.**
THE WHITE-HEADED BLACK BULBUL.

Turdus leucocephalus Gmelin, Syst. Nat., vol. i, p. 829, 1688: China.

Description. Crown, face and chin white; upper plumage slaty black, glossed greenish; tail brownish black; ear-coverts brownish slate; underparts slate-grey, feathers of abdomen sometimes edged and mottled with white.

Colours of soft parts. Iris black; bill coral-red; feet orange to coral-red.

Measurements. Wing 112 to 118 mm.

Distribution. Hill-ranges Western China.

Harington found this bird resident at Thaungyi, Southern Shan States (Jour. Bomb. Nat. Hist. Soc., vol. xxix, p. 558, 1923), and P. Wickham, Livesey and others also record it as common in that State. The status of this bird is very doubtful, and Rothschild and others believe it to be a dimorphic form of the Black-headed species. The evidence is very conflicting, and I prefer to retain it as a separate species for the present.

P. 374.

For Genus **HEMIXUS**

read Genus **IXOS.**

Ixos Temm., Planch. Color. d'Oiseaux, No. 282, fig. 1, 1825.

Type, *Ixos virescens* Temm.

Kloss shows (J.A.S.B., new series, vol. xviii, p. 64, 1924) that the correct name for this genus is *Ixos*, the type of which is *I. virescens* Temm., Planch. Color. d'Oiseaux, no. 382, fig. 1, livr. 64: Java.

The generic name of Nos. 291 to 296, inclusive, must be altered from *Hemixus* to *Ixos*.

P. 382.

Molphastes chrysorrhoides klossi was described by Gyldenstolpe, not Robinson.

P. 383.

For (398) **Molpastes hæmorrhous**

read (398) **Molpastes cafer.**

Turdus cafer Linn., Syst. Nat., 12th ed., vol. i, p. 295, 1766: Cap-
bon-spei in errore, Ceylon.

The name *hæmorrhous* Gmelin, 1789, is antedated by *Turdus cafer* Linn., 1766. There are no red-vented Bulbuls near the Cape of Good Hope, and the name certainly refers to the Ceylon and Southern Indian bird.

Linnæus's name is founded on Brisson's 'Aves,' vol. ii, p. 257, pl. 20, fig. 2, which is a good representation of the Southern Indian form of *Molpastes*.

For Nos. 398 to 404, inclusive, the specific name must be changed from *haemorrhous* to *cafer*.

P. 389.

(405) ***Molpastes leucogenys leucogenys***.

The date of reference should be 1835, *not* 1830.

P. 390.

(406) ***Molpastes leucogenys leucotis***.

Whilst vol. i of the 'Avifauna' was in the press, Ticehurst restricted the type-locality to Sind, Karachi (Jour. Bomb. Nat. Hist. Soc., vol. xxviii, p. 271, 1922). His designation is therefore three months older than mine.

P. 394.

For Genus **OTOCOMPSA**

read Genus **ELATHEA**.

Elathea Gestel, Naturg. hohere Schulen., p. viii, 1848.

Type by orig. desig., *Brachyphus plumifer* Gould = *O. flaviventris* Tickell.

Otocompsa Cabanis, 1851, is antedated by *Elathea* Gestel, 1848, and the latter name must therefore be used for this genus.

Add before (410) ***Otocompsa emeria emeria***.

Elathea jocosa

Lanius jocosus Linn., Syst. Nat., 10th ed., vol. i, p. 98, 1758, ex Osbeck: China.

For (410) ***Otocompsa emeria emeria***

read (410) ***Elathea jocosa emeria***.

The oldest specific name for this species, hitherto known as *Otocompsa emeria*, is *Lanius jocosus* Linn. The names of the remaining species and subspecies must therefore be altered accordingly.

For (411) ***Otocompsa emeria fuscicaudata***

read (411) ***Elathea jocosa fuscicaudata***.

For (412) ***Otocompsa emeria peguensis***

read (412) ***Elathea jocosa peguensis***.

P. 394.

For (413) *Otocompsa flaviventris* *flaviventris*
 read (413) *Elathea flaviventris* *flaviventris*.

For (414) *Otocompsa flaviventris* *minor*
 read (414) *Elathea flaviventris* *minor*.

P. 399.

For Genus **PINAROCICHLA**
 read Genus **EUPTILOSUS**.

Euptilosus Gray, Cat. Gen. Subgen. Birds, p. 47, 1855, ex Reichenb. MS., 1851.

Type by orig. desig., *Brachypus eutilosus* Jardine & Selby.

In vol. vii of the Catalogue of Birds Sharpe set on one side the name *Eptylosus* Gray, 1855. I can find no valid reason for this name being discarded and therefore reinstate it.

P. 400.

For Genus **SPIZIXUS**
 read Genus **SPIZIXOS**.

P. 402.

For Genus **TRACHYCOMUS**
 read Genus **HEMITARSUS**.

Hemitarsus Bonaparte, Conspl. Gen. Av., vol. i, p. 263, 1850.

Type by mon., *Turdus ochrocephalus* Gmelin.

This name antedates Cabanis's name, *Trachycomus*, by one year.

For (417) *Trachycomus ochrocephalus* .
 read (417) *Hemitarsus zeylonicus*.

Turdus zeylonicus Gmelin, Syst. Nat., vol. i, p. 804, 1788.

This name has page priority over *Turdus ochracephalus* Gmelin, op. cit., p. 821. It is founded on *Turdus zeylonensis* Latham, Syn., ii, pt. i, p. 11 (1783).

P. 406.

For *Iole olivacea*
 read *Iole virescens*.

Iole virescens Blyth, J. A. S. B., vol. xiv, p. 573, 1845: Arrakan.

Iole olivacea Blyth, 1844, is preoccupied by *Hypsipetes olivacea* Jardine & Selby, 1826-35, type of *Ixocincla*, which is here united with *Iole*.

For (420) *Iole olivacea virescens*
 read (420) *Iole virescens virescens*.

P. 407.

For (421) *Iole olivacea cinnamomeoventris*
 read (421) *Iole virescens cinnamomeoventris*.

P. 408.

For (422) *Iole olivacea lönnbergi*
 read (422) *Iole virescens lönnbergi*.

P. 409.

For Genus **RUBIGULA**

read Genus **SQUAMATORNIS**.

Squamatornis Stuart Baker, Bull. B. O. C., vol. xlix, p. 40, Dec. 1928.

Type by orig. desig., *Ixidia webberi* Hume.

The type of *Rubigula* is *Turdus dispar* Horsf., which I cannot separate from *Pycnonotus* and, therefore, a new name has to be given to this species.

For (424) *Rubigula squamata webberi*
 read (424) *Squamatornis squamata webberi*.

P. 410.

(425) *Pycnonotus goiavier analis*.

Distribution. Delete Java and Borneo, in which a second race, *P. g. personatus* Hume, is the form occurring.

P. 415.

(430) *Pycnonotus xantholæmus*.

The earliest reference is

Brachypus xantholæmus Jerdon, Madr. Jour. Lit. Sci., vol. xiii,
 p. 122, 1844.

P. 420.

For (435) *Pycnonotus plumosus robinsoni*
 read (435) *Pycnonotus blanfordi robinsoni*.

For (436) *Pycnonotus plumosus blanfordi*
 read (436) *Pycnonotus blanfordi blanfordi*.

Robinson and Kloss (J. A. S. B., new series, vol. xviii, p. 567, 1927) show that *Pycnonotus plumosus* and *P. blanfordi* are good species, each divided into subspecies, with ranges overlapping.

P. 423.

For (439) ***Microtarsus melanocephalus melanocephalus***read (439) ***Microtarsus atriceps major***.*Brachypodius atriceps major* Robinson & Kloss, Jour. F. M. States Mus., vol. xi, p. 55, 1923 : Cachar.

Lanius melanocephalus Gmelin, Syst. Nat., vol. i, p. 309, 1788, is preoccupied by Gmelin, *ibid.*, p. 301. The next name available is *Turdus atriceps* Temm., Planch. Color. d'Oiseaux, pl. 147, 1822 : Java. Robinson and Kloss restrict the name to the Javan and Sumatran race, whilst the Indian bird they name as above.

P. 425.

For (440) ***Microtarsus melanocephalus fusciflavescens***read (440) ***Microtarsus atriceps fusciflavescens***.**Distribution.** Andamans.

P. 432.

For (447) ***Certhia himalayana intermedia***read (447) ***Certhia himalayana ripponi***.

Certhia himalayana ripponi Kinnear, Bull. B. O. C., vol. xlix, p. 109, 1929 ; new name for *C. h. intermedia*, preoccupied by *C. intermedia* Raffles, Natursyst. Suppl., p. 98, 1776.

Add (447 a) ***Certhia himalayana limes***.*Certhia himalayana limes* Meinertz., Bull. B. O. C., vol. xlvi, p. 141, 1922 : Gilgit.**Description.** Intermediate between *C. h. himalayana* and *C. h. tenuirostris*.**Distribution.** Gilgit and Hunza to Kashmir, Murree and all along the North-West Frontier.

P. 438.

For (454) ***Certhia discolor fuliginosa*** Stuart Baker.read (454) ***Certhia discolor shanensis***, nom. nov.

The name *fuliginosa* is preoccupied by *Certhia fuliginosa* Bechstein, 1811 (Latham, Allgem. Ueber der Vögel. vol. x, p. 192 ; Shaw, Gen. Zool., vol. viii, p. 222, 1812). I therefore rename the Tree-Creeper as above.

P. 438.

(455) *Certhia stoliczkæ.*

The date of the reference is 1874.

P. 439.

Add (456 a) *Salpornis spilonotus rajputanæ.*

THE RAJPUTANA SPOTTED GREY CREEPER.

Salpornis spilonotus rajputanæ Meinertz., Bull. B. O. C., vol. xlvi, p. 88, 1826 : Samblur, Rajputana.

Description. "Less heavily marked underneath; upper parts from crown to tail greyer; darker markings not so intense a black, and ground-colour pale hair-brown instead of dark brown" (*Meinertzhagen*).

Distribution. Rajputana.

P. 458.

For (471) *Pnoepyga squamata squamata*

read (471) *Pnoepyga albiventris albiventris.*

Tesia albiventer Hodgs., J. A. S. B., vol. vi, p. 102, 1837 : Nepal.

The name *squamata* is antedated by *Tesia albiventer* Hodgs., 1837, and the bird will therefore have to be known as above.

Add (471 a) *Pnoepyga albiventris pallidior.*

THE NORTH-WEST SCALY-BREASTED WREN.

Pnoepyga albiventris pallidior Kinneear, Bull. B. O. C., vol. xlv, p. 10, 1824 : Dharmsala.

Description. Upper surface dark olive instead of dark umber in both forms and paler below in the rufous form.

Distribution. Garhwal to Dharmsala.

Kinneear says that the birds of this genus are dimorphic in colour, some being white and others rufous below. The same is the case with the Malay race. In Assam we invariably found the differences in colour to be sexual and not dimorphic.

On page 459 the measurements of the eggs are wrongly given; they average about 22·0 to 16·0 mm.

VOL. II.

P. 1.

Cinclus cinclus.

The reference should read

Sturnus cinclus Linn., Syst. Nat., 10th ed., vol. i, p. 168, 1758.

P. 4.

Cinclus pallasii.

The date of the reference is 1820, not 1815.

P. 9.

Genus BRACHYPTERYX.

The Trans. Linn. Soc., 1820, did not appear until May 1821.

P. 12.

Genus LARVIVORA.

The type is *Motacilla cyanea* Pall., not *Larvivora brunnea*.

P. 16.

Genus HETEROXENICUS.

Type by mon., *B. stellatus* Gould, not *C. cruralis* Blyth.

P. 19.

(489) *Heteroxenicus nipalensis nipalensis* *.

An earlier reference is Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. i, p. 397, Oct. 1854; the P. Z. S., 1854, were not published until Feb. 1855.

P. 33.

(500) *Saxicola insignis*.

An earlier reference is

Saxicola insignis Gray, Cat. Birds Nepal, pp. 71, 153, 1846: Nepal.

P. 34.

For Genus OREICOLA.

read Genus RHODOPHILA.

Rhodophila Jerdon, Birds of India, vol. ii, p. 128, 1863.Type by mon., *Rhodophila melanoleuca* Jerdon.*Oreicola* Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xxxviii, p. 6, 1854, has as type *S. pyrrhonota* Müller.

* Kloss considers *H. nipalensis* to be a race of *H. leucophrys* Linn., Java, and queries whether all birds south of the Brahmapootra are not of this f. rm. Siamese birds, he says, are certainly of the latter subspecies.

P. 35.

For (501) *Oreicola jerdoni*

read (501) *Rhodophila melanoleuca*.

Rhodophila melanoleuca Jerdon, Birds of India, vol. ii, p. 128, 1863 : Purnea.

P. 36.

For (502) *Oreicola ferrea ferrea*

read (502) *Rhodophila ferrea ferrea*.

P. 38.

For (503) *Oreicola ferrea haringtoni*

read (503) *Rhodophila ferrea haringtoni*.

P. 40.

(505) *Enanthe alboniger*.

Date of reference should be 1872, and *not* 1873.

P. 45.

(509) *Enanthe leucomela leucomela*.

Date of reference should be 1771, and *not* 1770.

P. 47.

(510) *Enanthe melanoleuca melanoleuca*.

Stresemann has shown that this bird must stand as *Enanthe finschi barnesi* Oates, whilst Ticehurst goes into greater detail on the same question (*Ibis*, 1927, p. 71, and *Jour. Bomb. Nat. Hist. Soc.*, vol. xxxi, p. 707, 1927). Our Indian bird will therefore stand as

(510) *Enanthe finschi barnesi*.

Saxicola barnesi Oates, Fauna, Birds, vol. ii, p. 75, 1890 : Quetta.

Ticehurst gives the length of wing in birds which he considers to be this Eastern race of *finschi* as : ♂, 87 to 96.5 mm., the majority 94 mm. or over; in the Western race 85 to 93 mm., the majority under 90 mm.; ♀, 81 to 89 mm. and 87 to 92 mm. respectively in the West and East.

P. 49.

(512) *Enanthe isabellina*.

Cretzchmar's name in Rüppell's 'Atlas' was not published until 1830 or 1831, and probably does not apply to this species, but as Temminck and Laugier had already used the same name for the Isabelline Chat the name remains, though the reference will be

Saxicola isabellina Temm. & Laug., Planch. Color. d'Oiseaux, livr. 79, pl. 472, fig. 1, 1829.

P. 52.

(514) ***Enanthe deserti oreophila.*****Distribution.** Add: Baluchistan in Winter (*Ticehurst*).

P. 56.

Genus **ENICURUS.**Part iii of Temm. & Laug., Planch. Color. d'Oiseaux, was published in Feb. 1822, *not* 1824.

P. 57.

(517) ***Enicurus maculatus maculatus.***

P.Z.S., 1830, were not published until Jan. 1831.

P. 63.

(522) ***Enicurus leschenaulti sinensis.***

P.Z.S., 1865, were not published until April 1866.

P. 65, line 1.

(524) ***Hydrocichla ruficapilla.***

For "tail 85 to 93 mm." read "wing 85 to 93 mm."

Distribution. Add: Sumatra (*Kloss*).

P. 70.

(527) ***Phoenicurus schisticeps.***The date of Hodgs., Cat. Mam. Birds, is 1846, *not* 1840

P. 74.

(530) ***Phoenicurus hodgsoni.***

The reference should be

Ruticilla hodgsoni Horsf. & Moore, Cat. Birds Mus. E. I. Co., p. 308, Nov. 1854.

The 1854 vol. of the P. Z. S. was not published until Jan. 1855.

P. 75.

Phoenicurus ochrurus should read *Phoenicurus ochruros* on this and subsequent pages.

P. 76.

(531) ***Phoenicurus ochruros phoenicurooides.***The reference should be as (530), *supra*, p. 301.

P. 79.

For Genus **CHAIMARRHORNIS**read Genus **CHAIMARRORNIS.**

The original spelling by Hodgson in his 'Zoological Miscellany' is as now given.

P. 81.

Genus RHYACORNIS.

J. A. S. B., vol. xli, was printed May 1, 1872.

P. 87.

Genus LUCINIA.

The type by taut. is *Motacilla lucinia* Linn.

P. 89.

For (541) *Grandala cœlicolor*read (541) *Grandala cœlicolor cœlicolor*.

As Outram Bangs (Proc. New Eng. Zool. Club, vol. ix, p. 78, Nov. 1926 : Tachienlu) separates the Chinese bird under the name of *Grandala cœlicolor florentis*, our bird must stand as above.

P. 96.

(546) *Tarsiger chrysæus chrysæus*.

As Stresemann has separated the Szechuan form under the name of *Tarsiger chrysæus isabellinus* (Jour. f. Orn., p. 363, 1923), the distribution of our bird must be altered to exclude Western China and possibly part of Indo-China and Yunnan.

P. 105.

For Genus NOTODELA.

read Genus MUSCISYLVIA.

The type of *Notodela* is *mindarensis* or *saularis*, and therefore cannot be employed for *Notodela leucura*. The next name is *Muscisylvia* Hodgs., P. Z. S., p. 27 (ex Zool. Misc., 1844, p. 83, *nom. nud.*).

P. 106.

For (554) *Notodela leucura*read (554) *Muscisylvia leucura*.

P. 108.

Genus SAXICOLOIDES.

The reference is Lesson, in Bélanger's Voy. Ind.-Or., Zool., vol. iv, p. 270, 1831.

Type by mon., *Turdus erythrurus* Lesson.

P. 113.

(558) *Copsychus saularis saularis*.

The reference should be Linn., Syst. Nat., 10th ed., vol. i, p. 109, 1758 : Asia, Bengal.

P. 114.

For (559) *Copsychus saularis musicus*read (559, *Copsychus saularis amœnus*.*Turdus amœnus* Horsf., Trans. Linn. Soc., vol. xii, pt. 1, p. 20, May 1921 : Java.*Lanius musicus* Raffles, Trans Linn. Soc., vol. xiii, pt. 2, p. 307, was not published until November 1822, and is antedated by Horsfield's name.

P. 116.

(561) *Copsychus saularis andamanensis*.**Nidification.** Osmaston took many eggs of this Magpie-Robin in the Andamans from March to July. The eggs resemble those of the other races and fifty of them average 23·1 by 17·2 mm. The clutches were small, in most cases three eggs only being incubated.

P. 117.

For (562) *Kittacincla macroura macroura*read (562) *Kittacincla malabarica malabarica*.*Muscicapa malabarica* Scopoli, Del. Flor. et Faun. Insubr., vol. ii, p. 96, 1786 : Pulo Condore.This unfortunate bird has again to suffer a change in name. *Muscicapa malabarica* of Scopoli is dated 1786, and therefore has priority over *Turdus macrourus* Gmelin, 1789. These two names, as well as *Turdus tricolor*, are all founded on Latham's Long-tailed Thrush (*Synopsis*, vol. ii, pt. i, p. 72), a bird from Pulo Condore.

P. 118.

For (563) *Kittacincla macroura indica*read (563) *Kittacincla malabarica indica*.

P. 119.

For (564) *Kittacincla macroura albiventris*read (564) *Kittacincla malabarica albiventris*.

P. 128

(569) *Turdus merula nigropileus*.

The reference should be

Turdus nigropileus Lafresnaye, Revue Zool., p. 65, 1840 : Nilgiris.

P. 132.

For (572) *Turdus castaneus castaneus*
 read (572) *Turdus rubrocanus rubrocanus*.

Turdus rubrocanus Gray, Cat. Birds Nepal, p. 81, 1840, ex Hodgs.,
 Zool. Misc., p. 82, 1844, *nom. nud.*, as synonym of *Merula*
castanea Gould; not *Turdus castaneus* Müller, 1776.

P. 133.

For (573) *Turdus castaneus gouldi*
 read (563) *Turdus rubrocanus gouldi*.

P. 137.

(578) *Turdus atrogularis*.

The reference should be

Turdus atrogularis Jarocki, Spes Ptakow, p. 14, 1819: Poland.

P. 140.

(580) *Turdus dissimilis*.

The date of the reference is 1847, not 1837.

Distribution. Add: Behar Docars (*Inglis*, March 1930).

P. 144.

For Genus **GEOCICHLA**
 read Genus **GEOKICHLA**.

The reference should be

Geokichla S. Müller, Tijds. Natur. Gesch. Phys., vol. ii, pl. iii,
 p. 343: 1835.

P. 145.

For *Geocichla wardi*
 read *Geokichla wardii*.

The reference should be

Turdus wardii Blyth, ex Jerdon MS., etc.

Pp. 146-153.

Nos. 585-591 throughout, for *Geocichla* read *Geokichla*.

P. 154.

(552) *Arceuthornis viscivorus bonapartei*.

The earliest reference is

Turdus bonapartei Cabanis, Jour. f. Ornith., 1860, p. 183: Himalayas.

P. 157.

Genus **OREOCINCLA**.

The P.Z.S., 1837, were not published until December 1838.
 The earliest reference is therefore

Oreocincla Gould, Synopsis Birds Aust., pl. iv, App., p. 3, April 1838.
 Type by mon., *Turdus varius* Horsf.

P. 159.

- For (596) *Oreocincla dauma nilgheriensis*
 read (596) *Oreocincla dauma neilgherriensis.*

P. 166.

Genus ZOOTHERA.

The correct reference is Vigors, P. Z. S., 1831, p. 172. The P. Z. S. of 1831 were not published until March 1832.

P. 170.

- For (605) *Monticola erythrogaster*
 read (605) *Monticola rufiventris.*
Petrocincla rufiventris Jardine & Selby, Illus. Ornith., vol. iii, pl. 129, 1828 : Himalayan District.

Turdus erythrogaster of Vigors, 1831, is preoccupied by *Turdus erythrogaster* of Boddaert, Tabl. Pl. Enlum., p. 22, 1783 = *Spreo pulcher* Müller. As *P. rufiventris* of Jard. & Selby is already available, Hartert's and Collins's name of *Monticola semicastanea* becomes a synonym.

P. 172.

Monticola solitaria.

The reference should be

Turdus solitarius Linn., Syst. Nat., 10th ed., vol. i, p. 170, 1758 : Italy.

P. 173.

- For (607) *Monticola solitaria transcaspia*
 read (607) *Monticola solitaria longirostris.*
Monticola longirostris Blyth, J. A. S. B., vol. xvi, p. 150, 1847 : Ferozepore. (See Ticehurst, Ibis, 1922, p. 641.)

P. 178.

- For Genus MYIOPHONEUS
 read Genus MYOPHONUS.

The generic name should be spelt accordingly on pp. 178 to 182.

P. 179.

- For *Myiophoneus temminckii*
 read *Myophonus cœruleus.*

Gracula cœrulea Scop., Del. Flôr. et Faun. Insubr., vol. ii, p. 88, 1786.

Stresemann shows that *M. cœruleus*, *M. eugenii* and *M. temminckii* must all be considered con-specific. As *cœruleus* is the oldest name it must be accepted as the specific.

P. 180.

For (614) *Myiophonus temminckii temminckii*
 read (614) *Myophonus cœruleus temminckii*.

P. 181.

For (615) *Myiophonus temminckii eugenei*
 read (615) *Myophonus cœruleus eugenei*.

P. 190.

Add (621 a) *Laiscopus collaris whymperi*.
 WHYMPER'S ALPINE HEDGE-SPARROW.

Laiscopus collaris whymperi Stuart Baker, Bull. B. O. C., vol. xxxv, p. 60, 1915 : Garhwal Hills.

Additional material obtained by Mr. H. Whistler shows that the form I described as above and then rejected must be maintained. It is smaller and darker than typical *L. c. rufilatus*, yet neither so dark nor so rufous as *L. c. nipalensis* from the East.

P. 193.

Add (626 a) *Prunella rubeculoides muraria*.
 THE ASTOR ROBIN HEDGE-SPARROW.

Prunella rubeculoides muraria Meinertz., Bull. B.O.C., vol. xlvi, p. 99, 1926: Astor.

Description. Paler than birds from Nepal and Sikkim on the upper parts and less richly coloured, the red breast also not so dark as in Eastern birds.

Distribution. Afghanistan to Kashmir, Astor, Ladak and Mussoorie. These places should be eliminated from the range of *Prunella rubeculoides rubeculoides*.

P. 194.

(627) *Prunella atrogularis*.

The correct date for the reference is October 1843, *not* 1844.

P. 198.

Add (630 a) *Prunella fulvescens ocularis* Radde.
 THE TRANSCASPIAN BROWN HEDGE-SPARROW.

Accentor ocularis Radde, Flor. et Faun. Casp. Gebeit., p. 19, 1885 : Transcaspia.

Description. A darker bird than *P. f. fulvescens*, with a more heavily streaked breast and flanks.

Distribution. Transcaspia, Transcaucasus to West Persia. Once obtained by Watson in 1900 in Chaman.

P. 202.

(631) **Muscicapa striata neumanni.**

Nidification. Ticehurst reports this Flycatcher to be a common breeder all about Ziarat, Baluchistan (Jour. Bomb. Nat. Hist. Soc vol. xxxi, p. 765, 1927.)

P. 203.

Genus **RHINOMYIAS.**

Rhinomyias Sharpe, Cat. Birds B. M., vol. iv, p. 367, 1879.

Type by mon., *Rhinomyias pectoralis* Salvadori = *Siphia brunneata* H. H. Slater.

Add (631 a) **Rhinomyias brunneatus.**

THE OLIVE FLYCATCHER.

Siphia brunneata H. H. Slater, 1897, Ibis, p. 175 : Fokhien.

Description. Upper plumage rusty brown, the crown darker and blackish with no rusty tinge; rump, upper tail-coverts and edges of rectrices brighter and redder; lores and round the front of the eye mottled black and white; cheeks and ear-coverts dark brown; quills dark brown the primaries narrowly edged with rusty; the secondaries with broader edges, the innermost being concolorous with the back; lower plumage white, the flanks more grey and washed with rusty brown; a broad band of rusty grey-brown across the breast, interrupted in the centre.

Colours of soft parts. Iris sulphur-brown or hazel; bill black; legs and feet fleshy white, the soles browner.

Measurements. Wing 77·5 to 83·0 mm.; culmen about 15·5 to 18 mm.

Distribution. N.W. Fokhien and Chekiang. In Winter South and West to Malay Peninsula and Nicobars.

P. 204.

For (632) **Hemicelidon sibirica cacabata**

read (632) **Hemicelidon sibirica fuliginosa.**

Hemicelidon fuliginosa Hodgs., P. Z. S., 1845, p. 32, ex Zool. Misc., p. 84, 1844, nom. nud.: Nepal.

Pennard employed the generic name *Muscicapa* for this Flycatcher, and accordingly rejected the name *fuliginosa* as preoccupied, but if we retain the generic name *Hemicelidon* we can also retain the specific name *fuliginosa* of Hodgson (see Ticehurst, Jour. Bomb. Nat. Hist. Soc., August 1926).

P. 206.

For (635) **Hemicelidon cinereiceps**

read (635) **Hemicelidon ferruginea.**

Hemicelidon ferruginea Hodgs., P. Z. S., 1845, p. 32, ex Zool. Misc., p. 84, 1844, nom. nud.: Nepal.

Although Hodgson's name in his 'Zoological Miscellany' is *a nomen nudum*, it was resuscitated with a description *in loc. cit.*, and will therefore stand.

P. 213.

For Genus CYORNIS
read Genus MUSCICAPULA.

Muscicapula Blyth, J. A. S. B., xii, p. 939, 1843.

Type by orig. desig., *Muscicapula sapphira* Tickell.

The name *Muscicapula* has page priority over *Cyornis*, which appears on page 940. The generic name of each bird from Nos. 641 to 663 on p. 236 will therefore be *Muscicapula*, and not *Cyornis*.

P. 215.

For (641) Cyornis cyanea
read (641) Muscicapula concreta cyanea.

Robinson and Kloss show that *M. cyanea* must be considered to be merely a subspecies of *M. concreta*.

P. 223.

For (648) Cyornis superciliaris astigma
read (648) Muscicapula superciliaris æstigma.

Muscicapula æstigma Gray, Cat. Mam. Birds Nepal, pp. 40, 155 and 156, ex Hodgs. Zool. Misc., p. 84, *æstigma*, nom. nud.

P. 224.

(650) Muscicapula melanoleuca westermanni.

Distribution. Add : Timor, Celebes, Seram (breeding) [Stresemann].

P. 231.

For (656) Cyornis unicolor infuscata
read (656) Muscicapula unicolor harterti.

Cyornis unicolor harterti Robinson & Kinnear, Nov. Zool., vol. xxviii, p. 250, 1928.

Blyth named *infuscata* from a specimen either of *Rhynomias pectoralis* or *Muscicapula cyanea*, and the name cannot therefore be used.

Pp. 233 et seq.

Robinson and Kinnear have recently (Nov. Zool., vol. xxxiv, pp. 231 et seq., 1928) reviewed the genus *Cyornis* (included here in *Muscicapula*), and with the exception that I do not split up the genus *Muscicapula* into smaller genera, I accept their views for

the present, though these may be modified in minor details when still larger series of specimens are available for comparison. Robinson and Kinnear include the *Anthipes poliogenys* group in *Cyornis*; in this, however, I am doubtful if they are correct, though there can be little doubt that the genus *Anthipes*, as hitherto accepted, contains two groups of birds which are not congeneric, and the *A. poliogenys* group must be divided from the *A. leucops* group, the former taking the name of *Olcynornis*.

P. 233.

Add (657 a) **Muscicapula whitei whitei.**

THE RUBY MINES BLUE FLYCATCHER.

Cyornis whitei Harington, Ann. Mag. Nat. Hist. (8), vol. ii, p. 245, 1908 : Bhamo Distr., Burma.

Description. Similar to *M. w. cœrulifrons* but brighter, less black or blue, and with less rufous on the breast and sides.

Distribution. Upper Assam, Upper Burma to French Laos, Yunnan, Tonkin, Shan States to Karenni and North Tenasserim.

For (658) **Cyornis banyumas cœrulifrons**

read (658) **Muscicapula whitei cœrulifrons.**

This subspecies may be placed as a race of *M. whitei* rather than of *banyumas*.

For (659) **Cyornis banyumas dialilæma**

read (659) **Muscicapula rubeculoides dialilæma.**

Robinson and Kinnear consider this species to be a race of *rubecculoides*. It may stand so for the present.

P. 236.

For (662) **Cyornis tickelliæ nesæa**

read (662) **Muscicapula tickelliæ jerdoni.**

Cyornis jerdoni Blyth, Ibis, 1846, p. 371, nom. nud.; Holdsworth, P. Z. S., 1872, p. 442 : South Ceylon (type in British Museum).

Robinson and Kinnear have accepted Holdsworth's description as adequate; the type is in the British Museum, and Holdsworth's name should be accepted.

P. 237.

For

Genus **NITIDULA**

read

Genus **MUSCICAPELLA**.

Muscicapella Bianchi, Ann. Mus. Zool. Acad. Imp. Sci. St. Petersburg, vol. xii, pp. 14, 43, 1907, *nom. nov.* for *Nitidula*.

Nitidula of Jerdon and Blyth, 1861, is preoccupied by *Nitidula* of Fabricius, Syst. Ent., p. 77, 1775.

P. 238.

For

Genus **STOPAROLA**

read

Genus **EUMYIAS**.

Eumyias Cabanis, Mus. Hein., vol. i, p. 53, 1881.

Type by mon., *Muscicapa indigo* Horsf.

Blyth having already used the name *Stoparola* in White's Nat. Hist. Selborne, p. 119, 1836, could not again employ it for the genus. Nor would the subsequent juggling with the relative position of the "o" and the "a" render it admissible. The next earliest name, *Eumyias*, must therefore take its place.

P. 239.

For

Stoparola melanops

read

Eumyias thalassina.

Muscicapa thalassina Swainson, Nat. Libr. Flycatchers, p. 252, 1838 : India.

Muscicapa melanops Vigors, 1831, is preoccupied by Vieillot, 1823 (Tabl. Enc. Méth., vol. ii, p. 827 : Paraguay).

For (665) *Stoparola melanops melanops*

read (665) *Eumyias thalassina thalassina*.

P. 241.

For (666) *Stoparola melanops thalassoides*

read (666) *Eumyias thalassina thalassoides*.

For (667) *Stoparola sordida*

read (667) *Eumyias ceylonensis*.

Niltava ceylonensis Gray, Hand-l. Gen. Sp. Birds, pt. i, p. 326, 1869.

The name has priority over *Glaucomyias sordida* Walden, 1870.

P. 244.

(669) *Anthipes monileger monileger*.

Stevens obtained this Flycatcher in Nepal (Jour. Bomb. Nat. Hist. Soc., vol. xxx, p. 63, 1925).

Kloss considers this bird to be merely a race of *Anthipes solitaria* S. Müller (in van der Hoeven's Tijdschr., p. 351, 1885).

P. 246.

Before *Anthipes olivaceus*

insert Genus **OLCYORNIS**, gen. nov.

Robinson and Kinnear have united this group of birds with the genus *Cyornis*, to the species of which they are certainly similar in their nidification as well as in certain structural and other characters. They differ, however, in their much broader, flatter bills, long but scanty rictal bristles and large first primary. From *Anthipes* this genus differs in colour pattern, the pale throat blending into the surrounding colours instead of contrasting sharply with them. In nidification the birds of the genus *Anthipes* lay white eggs spotted with red, constructing globular nests of bamboo leaves, whilst all the species of *Olcynoris* make nests and lay eggs like those of *Cyornis* (*Muscicapula*).

Type, *Anthipes olivaceus* Hume.

For (672) *Anthipes olivaceus olivaceus*

read (672) *Olcynoris olivaceus olivaceus*.

P. 247.

For (673) *Anthipes olivaceus poliogenys*

read (673) *Olcynoris olivaceus poliogenys*.

Robinson and Kinnear (Bull. B. O. C., vol. lxviii, p. 43, 1927) separate *Olcynoris o. poliogenys* into two races, but the extraordinary intermixed geographical range they give (Nov. Zool., vol. xxxiv, p. 241, 1928) for the two forms seems to stultify their own division. The variation in individuals is, to my personal knowledge, very great and, for the present, I leave the division of the race for further investigation. The districts given by Messrs. Robinson and Kinnear are as follows:—

Cyornis p. poliogenys: Himalayan sub-hills from Nepal eastwards, Khasia, Cachar, Tipperah and Manipur.

Cyornis p. saturatior: Dibrugarh and Sibsagar, Upper Assam; Miri and Naga Hills.

Now Dibrugarh and Sibsagar, as well as the Miri Hills, are merely a continuation of the Himalayan sub-hills, whilst the Naga Hills are a continuation of the Cachar Hills.

P. 251.

For (677) *Alseonax muttui*

read (677) *Alseonax muttui muttui*.

Wiegold (Orn. Monatsb., 1922, p. 63) has described a new race as *Alseonax muttui stotmani*.

P. 256.

For (681) *Culicicapa ceylonensis meridionalis*

read (681) *Culicicapa ceylonensis antioxcentia*.

Oberholser, Smith, Misc., vol. lxxvi, p. 69, July 1923 : Tenasserim.

As the name given by me was not published until November 1923, Oberholser's name has priority.

Add (681 a) *Culicicapa ceylonensis pallidior*.

THE SIMLA GREY-HEADED FLYCATCHER.

Culicicapa ceylonensis pallidior Ticehurst, Bull. B. O. C., vol. xlvii, p. 108, 1927 : Simla.

Description. A paler, brighter-coloured bird than any of the other races.

Distribution. Breeding N.W. Frontier Province; Kashmir, N.W. Himalayas, Nepal and Sikkim. (These areas should be deleted from the distribution of typical *C. c. ceylonensis*.)

P. 260.

Add (684 a) *Niltava sundara fastuosa*.

THE WESTERN BEAUTIFUL SUNDARA.

Cyanecula fastuosa Lesson, Rev. Zool., 1840, p. 266, Sept.-Oct. : Himalayas, Murree.

Niltava sundara whistleri Ticehurst, Bull. B. O. C., vol. xlvi, p. 113, May 1926 : Murree.

Description. Rather paler, less rufous-chestnut below in the male, whilst the female is more olive-grey and paler above, with the lower parts greyish olive instead of olive-brown.

Distribution. North-West Himalayas, Murree to Mussoorie.

P. 261.

For Genus **PHILENTOMA**

read Genus **DRYMOPHILA**.

Drymophila Temm. & Laug., Planch. Color. d'Oiseaux, ivr. 56, text to pl. 334, 1825.

Type by orig. desig., *Drymophila velata* Temm. & Laug.

This name antedates *Philentoma* and must therefore be accepted.

P. 262.

- For (686) *Philentoma velatum*
 read (686) *Drymophila velata*.

P. 263.

- For (687) *Philentoma pyrrhopterus*
 read (687) *Drymophila pyrrhoptera*.

P. 264.

- For Genus **TERPSIPHONE**
 read Genus **TCHITREA**.

Tchitrea Lesson, *Traité d'Orn.*, p. 386, 1830.

Type, *Muscicapa paradisi* Linn.

Terpsiphone auct. is not *Terpsiphone* Gloger, 1841 (Oberholser,
Proc. U.S. Nat. Mus., vol. xxii, p. 245, 1901).

Tchitrea should be used throughout on pp. 264 to 269 instead
 of *Terpsiphone*.

(688) **Tchitrea paradisi paradisi**.

The reference should be

Corvus paradisi Linn., *Syst. Nat.*, 10th ed., vol. i, p. 107, 1758,
 based on Ray: *India*, Fort St. George, Madras.

P. 274.

Genus **CHELIDORYNX**.

An earlier reference is

Blyth, J. A. S. B., vol. xii, p. 936, note (p. 930, *nom. nud.*), 1843,
 ex Hodge's MS.

Type by mon., *Rhipidura hypoxantha* Blyth.

P. 276.

Genus **RHIPIDURA**.

The type of the genus is an Australian bird named *Rhipidura albiscapa*.

Comparing our Indian species of this genus with the Australian species, it seems that they cannot be considered congeneric. Our Indian species are all conspicuous for their large flat bills, whereas the Australian forms are equally conspicuous for their very small bills. I think, therefore, our birds must be separated and placed under the following name:—

Genus LEUCOCERCA.

Leucocerca Swainson, Nat. Libr. Flycatchers, p. 126, pl. xi, May 1831.

Type by mon., *L. laticauda* Swains. = *L. albicollis* Vieill.

From pp. 276 to 282 the generic name throughout should be *Leucocerca* instead of *Rhipidura*.

P. 277.

For "THE WHITE-BROWED FANTAIL-WARBLER"

read "THE WHITE-BROWED FANTAIL-FLYCATCHER."

P. 279.

In Distribution, for "Wingaru Bay" read "Arugam Bay."

P. 281.

(704) *Rhipidura javanica javanica*.

Habits, line 2, for "Warbler" read "Flycatcher."

P. 287.

(707) *Lanius excubitor pallidirostris*.

According to both Ticehurst (Jour. Bom. Nat. Hist. Soc., vol. xxxi, p. 701, 1927) and Meinertzhagen (Ibis, 1920) this Shrike is a common breeding bird round about Quetta.

P. 289.

(710) *Lanius vittatus*.

The volume in the reference is xl, not xi.

P. 291.

For (711) *Lanius colluriooides*

read (711) *Lanius colluriooides colluriooides*.

Delacour (Bull. B. O. C., vol. xlvii, p. 13, 1920) has named two new races of this Shrike *L. c. melanocephalus* and *L. c. griseicapillus* from Indo-China.

The date of Lesson's Voy. Bélang. is 1831, not 1834.

P. 300.

(719) *Lanius cristatus cristatus*.

Distribution. This is a common Winter migrant to Ceylon. Sparrow also obtained specimens of this Shrike in Trimulgherry in November, December and February 1910-12.

P. 302.

(720) *Lanius cristatus lucionensis*.

Distribution. Has occurred several times in Ceylon (*Wait*).

P. 303.

(722) *Lanius cristatus phœnicurooides*.*Lanius phœnicurooides* Severtz is a nom. nud.; the reference should be*Otomela phœnicurooides* Schalow, Jour. f. Orn., 1875, p. 148, ex Severtz.

P. 308.

(726) *Hemipus hirundinaceus*.

The correct reference is

Muscicapa hirundinaceus Temm. & Laug., Planch. Color. d'Oiseaux, livr. 20, 119, 1822 : Java.

P. 309.

For *Tephrodornis pelvica*Read *Tephrodornis gularis*.*Lanius gularis* Raffles, Trans. Linn. Soc., vol. xiii, p. 304, 1821 : Malay Peninsula.As *gularis* is the earliest name, and all our Indian birds seem to be conspecific with it, it will have to be used as the specific name throughout on pp. 309-311.

P. 312.

Add (728 a) *Tephrodornis gularis verneyi*.

THE SIAM WOOD-SHRIKE.

Tephrodornis pelvica verneyi Kinnear, Bull. B. O. C., vol. xliv, p. 102, 1924: Umpang, Siam.**Description.** Darker than the typical form and wanting the isabelline tinge on the back and wing: the ♀ also is darker and has the ear-coverts blackish instead of merely brown.**"Immature.** General colour of the upper parts dark greyish brown, the white of the underside washed with smoky brown, and differing markedly from the reddish isabelline above, and "sandy-washed below" of the Northern specimen" (Kinnear).**Distribution.** Burma, N. Tenasserim, Siam and Yunnan.(728 b) *Tephrodornis gularis annectens*.

THE NORTHERN MALAY WOOD-SHRIKE.

Tephrodornis pelvica annectens Kloss, Jour. Fed. Malay States, vol. viii, p. 222, 1918: Lamra, Trang, Malay Peninsula.**Description.** Much smaller than *T.g. pelvica*; wing 102 to 106 mm. against 111 to 114 mm. From the small race *T.g. sordida* it can be separated by its having the mandible more brown and the grey cap and nape more distinctly differentiated from the olive-grey flanks and breast.**Distribution.** South Tenasserim to Perlis in the Malay States.

P. 317.

Family PERICROCOTIDÆ.

By a slip I wrote of the name *Campephaga* as being *preoccupied* instead of *inapplicable* to our Indian forms. *Campephaga* is the name of an African genus not congeneric with, though of the same family as, our Indian birds. As it is the oldest generic name in this family it should, therefore, be entitled

Family CAMPEPHAGIDÆ.

P. 319.

For (733) *Pericrocotus speciosus speciosus*

read (733) *Pericrocotus flammeus speciosus*.

As *flammeus*, 1781, is the oldest name for this species, it becomes the specific name instead of *speciosus*, 1790.

The specific name of Nos. 733 to 737 will be *flammeus*, and read

(733) *Pericrocotus flammeus speciosus*.

(734) *Pericrocotus flammeus fraterculus*.

(735) *Pericrocotus flammeus flammifer*.

(736) *Pericrocotus flammeus andamanensis*.

(737) *Pericrocotus flammeus flammeus*.

P. 329.

For *Pericrocotus peregrinus*

read *Pericrocotus cinnamomeus*,

Motacilla cinnamomea Linu., Syst. Nat., 12th ed., vol. i, p. 335, 1766 : Ceylon.

As this is older by page priority than *Parus peregrinus* Linn. it must become the specific name for Nos. 745 to 749. The name *peregrinus* appears to be applied to a bird from the same locality, Ceylon, therefore becoming a synonym, whilst a new name is required for the Indian bird, which I have accordingly named *iredalei*.

Some authors agree with Hume (Str. Feath., vol. v, p. 179) in rejecting this name on account of the faulty description; the description, however, though bad, is unmistakable and, indeed, is little more than that of *Parus peregrinus* on p. 342.

For (745) *Pericrocotus peregrinus peregrinus*

read (745) *Pericrocotus cinnamomeus iredalei*.

Pericrocotus cinnamomeus iredalei Stuart Baker, Bull. B. O. C., vol. xlix, p. 64, 1929 : Ambala.

P. 331.

- For (746) *Pericrocotus peregrinus vividus*
 read (746) *Pericrocotus cinnamomeus vividus*.
- For (747) *Pericrocotus peregrinus malabaricus*
 read (747) *Pericrocotus cinnamomeus malabaricus*.

Stresemann (Orn. Monatsb., 1923, pp. 40-41) considers *P. c. malabaricus* to be the same as *P. c. cinnamomeus*; good series, however, show the differences to be quite easily determined and the subspecies must be maintained.

P. 332.

- For (748) *Pericrocotus peregrinus pallidus*
 read (748) *Pericrocotus cinnamomeus pallidus*.

P. 334.

- For (751) *Pericrocotus cinereus*
 read (751) *Pericrocotus divaricatus*.

Pericrocotus divaricatus Raiffes, Trans. Linn. Soc., vol. xiii, p. 306; India Office drawing No. 616, 1822: near Sumatra.

This name is earlier than *P. cinereus* Lafresnaye, 1845 (see Robinson, Bull. B. O. C., vol. xlvii, p. 128, 1927).

P. 335.

- (752) *Pericrocotus cantonensis*.

Stresemann considers this bird to be a race of *P. roseus*, being linked to this by *P. stanfordi*. The status of the three birds is rather doubtful and I prefer to give *P. cantonensis* specific rank for the present.

P. 338.

- (754) *Lalage melaschista avensis*.

The date of the Cat. Birds. Asiat. Mus. is 1854, *not* 1847.

P. 341.

- For (757) *Lalage nigra nigra*
 read (757) *Lalage nigra davisoni*.

Lalage nigra davisoni Kloss, Jour. Malay Branch Asiat. Soc., vol. iv, p. 158, 1926: Nicobars.

In April 1922 Outram Bangs (Bull. Mus. Com. Zool., vol. lxv, No. 4, April 1922), restricted the type-locality of *Lalage nigra* to Sumatra. This being so, the Nicobar bird had no name, and on Kloss separating it from the typical form he named it accordingly.

P. 350.

For *Artamus leucorhynchos*
 read *Artamus leucorhynchus*.

P. 358.

(768) *Dicrurus macrocercus minor*.

The correct first reference is

Dicrurus minor Blyth, Cat. Birds Mus. Asiat. Soc., Pref. App.,
 p. xxii, No. 1219, 1854: Ceylon.

P. 359.

For (770) *Dicrurus macrocercus longus*
 read (770) *Dicrurus macrocercus thai*.

Dicrurus macrocercus thai Kloss, Jour. Fed. Malay States, vol. x,
 p. 207, 1921: Koh Lak, S.W. Siam.

Kloss, *in loc. cit.*, shows that *Dicrurus longus* Bonaparte is founded
 on the same bird, Le Drongolen, as *D. macrocercus* and is, therefore,
 a synonym only of the latter.

Distribution. Omit Java, the species being there represented
 as another race, *D. m. javanus* of Kloss.

P. 365.

(777) *Dicrurus cœrulescens cœrulescens*.

The first reference is

Lanius cœrulescens Linn., Syst. Nat., 10th ed., vol. i, p. 95, 1758:
 Bengal.

P. 369.

(781) *Chaptia ænea malayenis*.

Distribution. Add: Sumatra and Borneo (Kloss).

P. 385.

For *Agrobates galactodes*
 read *Agrobates galactotes*.

P. 393.

(799) *Acrocephalus dumetorum*.

The type-locality is India.

The second primary measures in length between the 5th and
 6th primaries.

Distribution. West this bird is found and breeds as far as the
 Peipas district in S.W. Estonia (*Härms*).

P. 394.

(800) *Acrocephalus agricola*.

Shortly after vol. ii of this work was written, Mr. B. B. Os-maston obtained breeding specimens of the supposed *Acrocephalus agricola* from Kashmir, all of which proved to be *Acrocephalus concinens haringtoni*, though the first few sent home were such poor specimens that it could only be said that they undoubtedly belonged to the *concinens* group. This I mentioned on many occasions to Messrs. Whistler, Ticehurst and others, and the first-named made a very careful investigation, the result of which he embodied in 'The Ibis,' 1928, pp. 449 *et seq.*

Acrocephalus agricola does not breed in India at all, and the few eggs, supposed to be of this species, which have been taken in Central Asia are more like the eggs of *A. bistrigiceps* than those of *A. concinens*.

A. c. concinens does not breed in Indian limits, though it occurs in Burma and Assam in the Cold Weather; the only breeding-bird is *Acrocephalus concinens haringtoni* *.

Finally, the question as to whether the true *Acrocephalus agricola*, named from a Southern Indian bird, is resident or a Winter migrant from Central Asia still remains to be proved.

P. 400.

(805) *Locustella certhiola*.

Distribution. Extends South to Ceylon (Wait).

P. 405.

(810) *Tribura thoracica thoracica*.

The date of J. A. S. B., vol. xiv, is 1845, not 1846.

P. 414.

For	<i>Orthotomus atrigularis</i>
read	<i>Orthotomus atrogularis</i> .

P. 416.

Orthotomus sepium.

The correct reference is

Orthotomus sepium Horsf., Trans. Linn. Soc., vol. xiii, pt. 1, p. 165,
1821: Java.

P. 427.

(829) *Franklinia rufescens austeni*.

The reference should read *Franklinia rufescens austeni* and the type-locality is Lhota Naga Hills, not Chota, Naga Hills.

* Since this volume was in print Whistler has separated the Kashmir swamp-breeding bird under the name of *Acrocephalus concinens hokrae* (Bull. B.O.C., vol. 1, p. 71, May 1930: Hokra Jheel, Kashmir)

P. 428.

(830) **Franklinia cinereocapilla.**

The reference should be

Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. i, p. 322, Nov. 1854:
Nepal.

The P. Z. S., 1854, did not appear until 1855.

P. 438.

For (838) **Chætornis locustelloides**

read (831) **Chætornis striatus.**

Megalurus? *striatus* Jerdon, Suppl. Cat. Birds, 1841.

This name antedates *Dasyornis locustelloides* Blyth, 1842.

P. 439.

For Genus **PHRAMATICOLA**

read Genus **PHRAGAMATICOLA.**

P. 440.

For (839) **Phragmaticola aedon**

read (839) **Phragamaticola aëdon.**

P. 441.

Genus **HIPPOLAIS.**

The reference should be

Hippolais Balderstein, Neue Alpina, vol. ii, p. 77, 1827.

Type by taut., *Hippolais icterina* Brehm.

P. 443.

(841) **Hippolais pallida elæica.**

The two specimens referred to as having been collected by Meinertzhangen are now in the Quetta Museum, and have been examined by Ticehurst, who considers that neither of them belongs to this species.

P. 448.

For (846) **Sylvia hortensis crassirostris**

read (846) **Sylvia hortensis jerdoni.**

Corruca jerdoni Blyth, J. A. S. B., vol. xvi, p. 439, 1847 : Southern India.

Ticehurst and Whistler show that *S. h. jerdoni* is a recognizable race differing from *S. h. crassirostris* in having the grey of the

upper parts paler, the crown more invariably black and the bill longer, 20 to 22 mm. as against 18 to 19.5 mm. in typical *S. h. crassirostris* (*Ibis*, 1929, p. 673).

P. 449.

(847) ***Sylvia nana nana.***

The reference to Blanf. & Oates should be

Sylvia nana. Blanf. & Oates, vol. i, p. 396.

P. 451.

Insert ***Sylvia curruca.***

(*Motacilla curruca* Linn., Syst. Nat., 10th ed., vol. i, p. 184, 1758
Europe.)

Key to Subspecies.

- A. Second primary between 6th and 7th ; upper plumage earthy brown..... *S. c. affinis*, p. 451.
- B. Second primary equal to 7th or between 7th and 8th ; upper plumage dark sandy brown..... *S. c. minula*, p. 451.

P. 455.

(853) ***Phylloscopus tytleri.***

An earlier reference than that quoted is

Phylloscopus tytleri Brooks, P. A. S. B., 1871, p. 210 : Cashmere.

P. 456.

Add (853 a) ***Phylloscopus collybitus collybitus.***

THE EUROPEAN CHIFFCHAFF.

Sylvia collybita Vieill., Nouv. Dict. d'Hist. Nat., vol. xi, p. 235, 1817 : France.

Description. Greener above than in *P. c. tristis*, and generally with a decidedly more yellow breast and abdomen.

A single specimen of this species was obtained by Meinertzhagen on July 28th, 1926, at Quetta, which has been examined by Ticehurst and prononnced to be of this race. It is possibly merely a rather aberrant specimen of *P. collybitus tristis*.

P. 459.

(858) ***Phylloscopus griseolus.***

The trivial name should be "The Olivaceous Willow-Warbler," not "Tree-Warbler."

P. 463.

(863) *Phylloscopus armandii.***Distribution.** Breeding as far West as Szechuan (*Stresemann*).For (863) *Phylloscopus maculipennis*read (863) *Phylloscopus maculipennis maculipennis.*

Thayer and Bangs have separated the form from Szechuan as *Ph. m. debilis*, so that our bird must be known as above, and the range restricted accordingly.

P. 464.

Add (863 a) *Phylloscopus maculipennis virens.*

THE WESTERN GREY-FACED WILLOW-WARBLER.

Phylloscopus maculipennis virens Ticehurst, Bull. B. O. C., vol. xlvi, p. 961: 1926, Bunyar, Saraj, Punjab.

Description. Paler, but brighter than the typical form.**Distribution.** North-West Himalayas. This area must therefore be deleted from the distribution of the typical form.

P. 471.

(871) *Phylloscopus humii præmium.*

Six lines from top of page, for *P. h. superciliosus* read *P. h. præmium*.

In reference to the name *inornatus*, which some authorities still claim should be applied to this bird, it may be as well to record here that Blyth himself *repeatedly* says that his name does not apply to this bird, and he quotes it as a synonym of *modestus* (see J. A. S. B., vol. xi, p. 191: *ibid.*, vol. xii, p. 965; Cat. Birds Mus. Asiat. Soc., 1852, p. 184; J. A. S. B., vol. xxiii, p. 488).

P. 478.

For (880) *Acanthopneuste lugubris*read (880) *Acanthopneuste trochiloides.*

Acanthiza trochiloides Sundev., Physiogr. Sällsk. Tijdsk., vol. i, p. 76, 1837: Calcutta.

Gyldenstolpe (Bull. B. O. C., vol. xlvi, p. 47, 1925) has discovered the type-specimen of *A. trochiloides* Sundevall in the collection of the Stockholm Museum and states that it is an undoubted specimen of the bird we have hitherto called *lugubris*. The name of this latter must be changed accordingly, as well as that of the next bird.

P. 480.

For **Acanthopneuste trochiloides**read **Acanthopneuste reguloides.***Phylopneuste reguloides* Blyth, J. A. S. B., vol. xi, p. 191, 1842 :
locality unknown.

As Gyldenstolpe has shown *A. trochiloides* to be the correct name for the bird hitherto known as *lugubris*, it cannot be employed for the present one, and therefore *reguloides* of Blyth, the next earliest name, takes its place.

P. 481.

For (883) **Acanthopneuste trochiloides trochiloides**read (883) **Acanthopneuste reguloides reguloides.***Phylopneuste reguloides* Blyth, J. A. S. B., vol. xi, p. 191 1842
(*loc. incog.*) : Calcutta, India.For (884) **Acanthopneuste trochiloides harterti**read (884) **Acanthopneuste reguloides harterti.**

P. 482.

For (885) **Acanthopneuste trochiloides davisoni**read (885) **Acanthopneuste reguloides davisoni.**

P. 483.

For (886) **Acanthopneuste trochiloides claudiæ.**read (886) **Acanthopneuste reguloides claudiæ.**

P. 487.

(889) **Seicercus burkii burkii.**Type-locality restricted to Sikkim (Ticehurst, Bull. B. O. C.,
vol. xlvi, p. 22, 1925).

P. 488.

Add (890 a) **Seicercus burkii whistleri.****THE DHARMSALA BLACK-BROWED FLYCATCHER-WARBLER.***Seicercus burkii whistleri* Ticehurst, Bull. B. O. C., vol. xlvi, p. 22,
1925: Dharmasala, N.W. Himalayas.

Description. Upper parts brighter, less olive-green than in *S. b. burkii*: underparts paler yellow, less washed with olive on the flanks.

Distribution. N.W. Himalayas.

P. 489.

For (891) *Seicercus xanthoschistus xanthoschistus*
 read (891) *Seicercus xanthoschistos xanthoschistos*,
 and correct name accordingly in subsequent pages.

P. 492.

For (894) *Seicercus castaneocephus castaneocephus*
 read (894) *Seicercus castaniceps castaniceps*.

An earlier reference is

Abrornis castaniceps Blyth, J. A. S. B., vol. xiv, pt. i, p. 593,
 1845, ex Hodgson's Misc., p. 82, 1844, *nom. nud.*

P. 493.

For Genus **ABRORNIS**

read Genus **ABROSCOPUS**, nom. nov.

The genus *Abrornis* is not applicable to any bird of this group. The only species determinable is *Regulus modestus*, and the name is therefore a synonym of *Regulus*. Gray in his Cat. Gen. & Subgen. Birds, 1855, p. 35, designates *Abrornis erochroa* as the type, but this is merely a synonym of *Phylloscopus pulcher*.

The generic name *Abroscopus* must therefore be substituted throughout for *Abrornis* for all species and subspecies, Nos. 896 to 903, and wherever used on pp. 493 to 499, as well as in keys etc.

P. 494. **Abroscopus superciliaris superciliaris.**

Kloss has pointed out to me that the type-locality is Tenasserim and not Sikkim, and that *A. s. schwaneri* does not occur as far North as Tenasserim. On the first point he is undoubtedly correct, and therefore my *A. s. salwinensis* becomes a synonym of *A. s. superciliaris*. On the other hand the Southern Tenasserim bird seems to me to be nearer *schwaneri* than *superciliaris*. For the present I shall retain it under that name, though it may eventually have to be separated under yet another name as intermediate between the Northern and Bornean forms. The names, synonymy and distribution will be as follows:—

Abroscopus superciliaris Blyth.

(896) **Abroscopus superciliaris superciliaris** Blyth.

Abrornis superciliaris Blyth, J. A. S. B., vol. xxvii, p. 414, 1859, ex Tickell's MS.: Tenasserim.

Phyllopusste (*Phylloscopus*) *superciliaris* id., ibid., p. 453, 1859.

Abrornis griseifrons Hume, Cat., No. 577, ex Gray MS.

Abrornis superciliaris salwinensis Stuart Baker, Bull. B. O. C., vol. xliv, p. 62, 1924: Salween.

Distribution. Hills of Assam, South of the Brahmaputra; all Burma, Yunnan and N. Siam.

P. 495.

(897) *Abroscopus superciliaris flaviventris* Jerdon.

Abornis albogularis Blyth & Jerdon, P. Z. S., 1861, p. 200: Sikkim;
not *A. albogularis* Horsf. & Moore, 1854.

Abornis flaviventris Jerdon, Birds of India, vol. ii, p. 203, 1866:
Darjeeling.

Distribution. Sikkim to Eastern Assam, North of the River Brahmaputra.

The descriptions given in vol. ii will also have to be transferred, that for the typical form applying to *A. s. flaviventris* Jerdon, and that under my *A. s. salwinensis* to the typical form *A. s. superciliaris*.

(898) *Abroscopus superciliaris schwaneri*.

In the reference, after "Blyth" add "Ibis."

P. 498.

(902) *Abroscopus albogularis albogularis*.

An earlier reference than that quoted is

Abornis albogularis Horsf. & Moore, Cat. Birds. Mus. E. I. Co.,
vol. i, p. 340, Nov. 8, 1854: Nepal.

P. Z. S., 1854, did not appear until 1855.

P. 504.

For Genus **HORORNIS**

read Genus **HOMOCHLAMYS**.

Homochlamys Salvadori, Atti R. Accad. Torino, vol. v, p. 510, 1870.

Type by mon., *H. luscinia* Salv.=*A. canturians* Swinhoe.

The type of *Horornis* is unfortunately given by Hodgson as *Horornis flaviventris* (Gray, Cat. Gen. & Subgen. Birds, 1855, p. 35), which makes the name a synonym of *Tribura*.

The generic name *Horornis*, Nos. 908 to 916, should therefore be altered to *Homochlamys*, and the former name altered wherever used on pp. 504 to 512.

P. 507.

(911) *Homochlamys albiventris*.

The correct type-locality is Hengmai, Manipur Valley.

P. 510.

(915) *Homochlamys major*.

The reference should be

Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. i, p. 323, Nov. 1854.

Distribution. Add: N.E. to Szetschuan (*Stresemann*).

P. 510.

For *Horornis cantans*
 read *Homochlamys diphone.*

Sylvia diphone Kittlitz, Mem. Acad. Imp. Sci. St. Petersb., 1830,
 p. 287: Bonin Island.

This name is seventeen years earlier than *Salicaria cantans*
 Temm. & Schleg., 1847.

P. 511.

For (916) *Horornis cantans canturians*
 read (916) *Homochlamys diphone canturians.*

P. 514.

Genus CETTIA.

An earlier reference than that quoted is

Bonaparte, Icon. Faun. Ital., vol. i, fasc. 9, text to pl. 29, 1834.

P. 517.

(922) *Phyllergates coronatus coronatus.*

Robinson and Kloss have separated the Tenasserim form as
P. c. thais. On the material available in England this separation
 cannot be confirmed. On the other hand, that in the Malay States
 Museums may well show that the birds are not identical.

P. 518.

For *Suya crinigera*
 read *Suya criniger.*

The specific name for Nos. 923 to 927 should be altered from
S. crinigera to *S. criniger*, and the whole name of

to (923) *Suya crinigera crinigera*
 (923) *Suya criniger criniger.*

P. 523.

(928) *Suya atrogularis atrogularis.*

The earliest reference is

Suya atrogularis Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. i,
 p. 326, 1854 : Darjeeling.

P. Z. S., 1854, were not published until 1855.

P. 526.

(931) *Prinia gracilis lepida.*

Gill found this little Warbler common in many parts of the
 United Provinces, where it is a resident breeding bird.

P. 533.

For (939) *Prinia sylvatica rufescens*
 read (939) *Prinia sylvatica insignis.*

Drymoipus insignis Hume, Str. Feath., vol. i, p. 10, 1872: Mt. Aboo.

Drymoipus rufescens Hume, Ibis, April 1872, p. 110, is invalidated by *Prinia rufescens* Blyth, J. S. A. B., vol. xvi, p. 456, 1847 = *Franklinia rufescens*.

P. 538.

Genus REGULUS.

An earlier reference than that given is

Regulus Cuvier, Leçons d'Anal. Comp., vol. i, tab. ii, 1800.

Type by taut., *Motacilla regulus* Linn.

P. 539.

(944) *Regulus regulus himalayensis*.

Ticehurst points out (Jour. Bomb. Nat. Hist. Soc., Aug. 1926) that the type-locality must be Kotegarh (Blyth, J. A. S. B., 1854, p. 162, 1855).

P. 541.

Add (945 a) *Regulus regulus sikkimensis*.

THE SIKKIM GOLDCREST.

Regulus regulus sikkimensis Meinertzhagen, Bull. B. O. C., vol. xlvi, p. 97, 1925 : Native Sikkim.

Description. Intermediate in depth of colour between *R. r. himalayensis* and *R. r. yunnanensis*.

Distribution. Sikkim, Bhutan, Dafia and Abor Hills. The distribution of *R. r. himalayensis* should have these places deleted therefrom.

P. 544.

Genus CEPHALOPYRUS.

The reference should be

Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xxxviii, p. 61, 1854.

Add (949 a) *Cephalopyrus flammiceps saturatus*.

THE SIKKIM FIRE-CAPPED TIT-WARBLER.

Cephalopyrus flammiceps saturatus Whistler, Bull., B. O. C., vol. xlv, p. 15, 1924 : Native Sikkim.

Description. Darker than the typical form.

Distribution. Native Sikkim, Bhutan Dooars, Buxar Dooars.

The type-locality of *C. f. flammiceps* is Simla, not Mussoorie, as restricted by Whistler (see Blyth, J. A. S. B., vol. xv, p. 44, 1846 : Simla).

VOL. III.

P. 2.

(950) *Irena puella puella*.

Distribution. Wait records the Fairy Blue-bird as occurring in Ceylon.

P. 3.

For (951) *Irena puella cyanea*read (951) *Irena puella malayensis*.

Irena malayensis Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. i, p. 274, 1854: Malayan Peninsula.

Muscicapa cyanea of Begbie cannot be used as it is preoccupied by *Muscicapa cyanea* Vieill., Nouv. Dict. d'Hist. Nat., nouv. ed., vol. xxi, p. 447, 1818.

P. 7.

For (954) *Oriolus chinensis indicus*read (954) *Oriolus chinensis diffusus*.

Oriolus diffusus Sharpe, Cat. Birds Brit. Mus., vol. iii, p. 179, 1877: Malabar.

Oriolus indicus of Jerdon, 1847, is preoccupied by *Oriolus indicus* Daudin, 1802 (Hist. Nat., Buffon in Didot's Quad., vol. xiv, p. 237), and cannot therefore be used.

P. 14.

For (961) *Oriolus traillii*read (961) *Oriolus traillii traillii*.

Geographical races of this species have now been described.

P. 16.

For Family EULABETIDÆ

read Family GRACULIDÆ.

As *Gracula* is the oldest generic name, the name for the family also must be based upon it.

For Genus EULABES

read Genus GRACULA.

Gracula Linn., Syst. Nat., 10th ed., vol. i, p. 108, 1758.

Type by orig. desig., *Gracula religiosa* Linn.

Linné's name *Gracula* antedates *Eulabes* of Cuvier, 1816, and must be used.

P. 17.

- For (962) *Gracula religiosa*
 read (962) *Gracula indica*.

Eulabes indicus Cuvier, Règne Anim., 2nd ed., vol. i, p. 377, 1827
 India.

Gracula religiosa of Linn., Syst. Nat., 10th ed., vol. i, p. 108, 1758, is founded on *Corvus javanensis* of Osbeck, and must therefore be used for the Javan species and not for that of the Southern Indian bird. This necessitates the following alterations in names, in addition to the above :—

P. 18.

- For (963) *Eulabes javana javana*
 read (963) *Gracula religiosa religiosa*.

Gracula religiosa Linn., Syst. Nat., 10th ed., vol. i, p. 108, 1758
 (based on Osbeck's *Corvus javanensis*) : Java.

P. 19.

- For (964) *Eulabes javana intermedia*
 read (964) *Gracula religiosa intermedia*.

The total length of this bird should be 280 to 290 mm., not 380 to 390 mm.

P. 20.

- For (965) *Eulabes javana andamanensis*
 read (965) *Gracula religiosa andamanensis*.

P. 21.

Genus LAMPROCORAX.

The type by orig. desig. is *Lamprotornis fulvipennis* Hombr. & Jacq.

P. 30.

Genus STURNUS.

The page of reference should be 167, not 85.

P. 31.

- For (973) *Sturnus vulgaris humii*
 read (973) *Sturnus vulgaris indicus*.

Sturnus indicus Blyth, Ann. Mag. Nat. Hist., vol. xii, p. 97, 1843
 ex Hodgs. MS. : near Calcutta.

This name antedates *humii* of Brooks.

P. 33.

(975) *Sturnus vulgaris minor.*

Ticehurst gives the colour of the iris in the female as bright gold.

P. 37.

Genus STURNIA.

Type by orig. desig., *Pastor elegans* Less.

For (981) *Sturnia turdiformis*

read (981) *Sturnia buffoniana.*

Oriolus buffoniana Shaw, Gen. Zool., vol. vii, pt. 2, p. 487, 1809.

New name for *O. sinensis* Gmelin.

This name antedates *P. turdiformis* of Wagler.

P. 46.

(990) *Sturnornis senex.*

Distribution. Ceylon only.

P. 54.

(996) *Acridotheres tristis tristis.*

Four lines from bottom, for "nesting-places" read "roosting-places."

P. 56.

Genus *AETHIOPSAR.*

The correct reference is

Aethiopsar Oates, Fauna B. I., Birds, vol. i, p. 536, 1889, ex Sharpe MS.

Type now desig., *Aethiopsar fuscus* Wagler.

P. 62.

For *Sturnopastor capensis*

read *Sturnopastor contra.*

Sturnus contra Linn., Syst. Av., 10th ed., vol. i, p. 167, 1758 : India.

Fortunately this name appears in the 10th ed. of Linné, so that it can take the place of *capensis* of the 12th ed.

For (1004) *Sturnopastor capensis capensis*

read (1004) *Sturnopastor contra contra.*

P. 63.

For (1005) *Sturnopastor capensis* dehræ
 read (1005) *Sturnopastor contra* dehræ.

P. 64.

For (1006) *Sturnopastor capensis superciliaris*
 read (1006) *Sturnopastor contra superciliaris*.

For (1007) *Sturnopastor capensis floweri*
 read (1007) *Sturnopastor contra floweri*.

P. 70.

For *Ploceus passerinus*
 read *Ploceus atrigula*.

Ploceus atrigula Sharpe, Cat. Birds B. M., vol. xiii, p. 491, 1890, ex Hodgs., Icon. ined. in B. M., *nom. nud.*: Nepal.

The name *passerinus* (Reichenow, 1886) cannot be used, as in 1846 Gray gave it as a synonym of *flaviceps* (Gray, Cat. Birds of Nepal, p. 105, 1846).

For (1010) *Ploceus passerinus passerinus*
 read (1010) *Ploceus atrigula atrigula*.

P. 71.

For (1011) *Ploceus passerinus infortunatus*
 read (1011) *Ploceus atrigula infortunatus*.

P. 87.

(1027) *Uroloncha leucogastra leucogastra*.

Distribution. Delete Borneo (*Kloss*).

P. 88.

For (1028) *Uroloncha rufiventris*
 read (1028) *Uroloncha jerdoni*.

Munia jerdoni Hume, Nests & Eggs, 1st ed., vol. ii, p. 448, 1873, *nom. nov.* for *M. pectoralis*.

I overlooked this name, which is, of course, applicable to this bird, so my name becomes a synonym.

P. 89.

(1030) *Uroloncha malabarica*.

The first reference should be

Loxia malabarica Linn., Syst. Nat., 10th ed., vol. i, p. 175, 1758: India.

P. 91.

(1031) *Uroloncha punctulata punctulata*.

The first reference should be

Loxia punctulata Linn., Syst. Nat., 10th ed., vol. i, p. 173, 1758 :
Asia=Calcutta.

Distribution. Add: Dharmasala, Kangra Valley, Hill Punjab.
(Ticehurst, Jour. Bomb. Nat. Hist. Soc., Aug. 1926).

P. 96.

(1036) *Amandava amandava*.

The first reference should be

Fringilla amandava Linn., Syst. Nat., 10th ed., vol. i, p. 180,
1758: India Orientali.

Ticehurst (Ibis, 1922, p. 647) says that in Sind the male after breeding moults into a plumage similar to that of the female, except that it has a greyer throat and breast. Over a great part of its range this is not the case, as fully adult males generally retain their full plumage throughout the Winter months, though young males of the first year do, on the other hand, moult back into a female plumage such as Ticehurst describes. Captive birds sometimes, but not always, moult into a non-breeding dress.

For (1041) *Perissospiza carnipes*

read (1041) *Perissospiza carnipes carnipes*.

P. 104.

Add (1041 a) *Perissospiza carnipes speculigera*.

THE AFGHAN WHITE-WINGED GROSBEAK.

Mycerobas carnipes speculigera Brandt, Bull. Sci. Acad. St. Petersb.,
vol. ix, p. 11, 1842 : N. Persia.

Description. This is a slightly paler form than the typical one. When I examined the series in the British Museum it did not suffice for differentiation, but Ticehurst (Jour. Bom. Nat. Hist. Soc., vol. xxxi, p. 863), though with some doubt, considered them separable, and in vol. xxxii, in reviewing the 'Avifauna,' is quite emphatic as to their distinctness.

Distribution. N. Persia, Baluchistan, Afghanistan, Gilgit, and East to Dharmasala. Whymer's breeding birds from Garhwal seemed to be indistinguishable from Sikkim specimens of *C. carnipes carnipes*.

P. 105.

For (1042) *Mycerobas melanoxanthus*
 read (1042) *Mycerobas melanozanthos*.

P. 118.

Genus PROPYRRHULA.

An earlier reference is

Propyrrhula Hodgs. in Gray's Zool. Misc., p. 85, June 1844.

Vol. xiii of J. A. S. B. did not appear until 1846.

P. 126.

(1059) *Propasser pulcherrimus pulcherrimus*.

The first reference is

Propasser pulcherrimus Moore, P. Z. S., 1855, p. 216, ex Hodgs.,
Zool. Misc., p. 58, 1844, *nom. nud.* : Nepal.

P. 131.

(1064) *Propasser edwardsi saturatus*.

The correct reference is

Propasser saturatus Blanford, J. A. S. B., vol. xli, pt. ii, p. 168,
 pl. viii, 1872 : Sikkim.

P. 132.

For (1065) *Propasser ripponi*read (1065) *Propasser verreauxi*.*Propasser verreauxi* David & Ous., Oiseaux de Chine, vol. i, p. 355,
 1877 : China (ex David, Nouv. Arch. du Mus. Bull., vol. vii,
 No. 325, 1871, *nom. nud.*).For notes on the *Propasser* group, see Berlioz, Bull. Mus. Paris,
 2 (1), 1929, pp. 129-132.

P. 136.

(1068) *Carpodacus erythrinus kubanensis*.This is a very doubtful race, but some breeding birds from the
 Afghan frontier seem to average decidedly paler than Kashmir
 birds, and the subspecies may be maintained for the present.

P. 137.

(1069) *Carpodacus erythrinus roseatus*.

The earliest reference is

Propasser roseatus Blyth (ex Tickell), J. A. S. B., vol. xi, p. 401,
 1842 : Calcutta.

P. 138.

Carpodacus rubicilla.

The status of *C. rubicilla* and *C. rubicilloides* is one of some difficulty. Ticehurst (Jour. Bomb. Nat. Hist. Soc., vol. xxxi, p. 346, Aug. 1926) considers that they represent two good species separated by the comparative coarseness of the streaks on the upper plumage and by the difference in the shape of the 5th primary, which is longer in *rubicilloides* than in *rubicilla*. This opinion is endorsed with some doubt by Meinertzhagen (Ibis, 1927, p. 384), who had the beautifully-prepared material taken by himself to work on. Undoubtedly, however, the two birds breed together in the same district, though, perhaps, in not the same kind of country, so that, for the present, I also give them the rank of species. The names will therefore read as follows:—

Carpodacus rubicilla.

Loxia rubicilla Güttenstadt, Nov. Comm. Petrop., vol. xix, p. 463, pl. xiii, 1775: Caucasus.

P. 139.

(1071) **Carpodacus rubicilla severtzovi.**

SEVERTZOFF'S ROSE-FINCH.

Carpodacus rubicilloides.(1070) **Carpodacus rubicilloides rubicilloides.**

Distribution. Confined as a breeding-bird to Kansu, Tibet and Sikkim.

Add (1070 a) **Carpodacus rubicilloides lappersonei.**

THE LADAK GREAT ROSE-FINCH.

Carpodacus rubicilloides lappersonei Meinertz., Bull. B.O.C., vol. xlvi, p. 83, 1926: Shushal, Ladak.

Description. Paler than the typical form, the upper parts less deep a crimson and the lower parts a more delicate pink.

Distribution. Ladak.

P. 140.

For Genus ERYTHROSPIZA

read Genus BUCANETES.

Bucanetes Cabanis. Mus. Hein., vol. i, p. 164, 1851.

Type by mon., *Fringilla githaginea* Licht.

Sclater (Bull. B.O.C., vol. xlvi, p. 130, 1926) has shown that *Loxia erythrina* was made the type of *Erythrosipa* by Gray in 1840, and therefore *Erythrosipa* becomes a synonym of *Carpodacus*. The next name available is as above.

P. 141.

For *Erythrositta githaginea*
 read *Bucanetes githaginea*.

For (1072) *Erythrositta githaginea crassirostris*
 read (1072) *Bucanetes githaginea crassirostris*.

P. 142.

For (1073) *Erythrositta mongolica*
 read (1073) *Bucanetes mongolica*.

P. 145.

Genus PROCARDUELIS.

The first reference is

Procarduelis Blyth, J. A. S. B., vol. xii, p. 985, 1843, ex Hodgs. MS.

Type by mon., *Carduelis nipaensis* Hodgs.

P. 149.

Carduelis carduelis.

The first reference should be

Fringilla carduelis Linn., Syst. Nat., 10th ed., vol. i, p. 180, 1758 :
 Sweden.

P. 152.

Genus CALLACANTHIS.

The first reference should be

Callacanthis Bonaparte, Conspl. Gen. Av., vol. i, p. 507, 1850, ex
 Reichenbach MS.

P. 154.

Genus ACANTHIS.

The first reference should be

Acanthis Borkhausen, Deutsche Fauna, vol. i, p. 248, 1797.

Type, *Fringilla linaria* Linn.

P. 155.

The specimen of *Acanthis c. fringillirostris* in the British Museum Coll. said to have come from Daotupper, Sind, really came from Persia (Ticehurst, Ibis, 1927, p. 648).

Add (1085 a) **Acanthis flavirostris ladacensis.**

THE LADAK TWITE.

Acanthis flavirostris ladacensis Meinertz., B. O. C., vol. xlvi, p. 96,
 1926 : Leh, Ladak

Description. Upper parts not so red as in *A. f. rufostriata* in fresh plumage, and in worn plumage indistinguishable therefrom. More material from Tibet may prove that *rufostriata* and *ladakensis* cannot be separated.

Distribution. Ladak, between 10,000 and 15,000 feet, in Summer.

Nidification. Many nests and eggs of this race taken by Osmaston in June and July are quite indistinguishable from those of *A. f. rufostriata*.

P. 158.

Genus METOPONIA.

An earlier reference is

Metoponia Bonaparte, Comptes Rendus Acad. Sci. Paris, vol. xxxvii, pp. 917, 918, 1853.

Type by mon., *Passer pusillus* Pall.

P. 162.

For Genus CHRYSOMITRIS

read Genus SPINUS.

Spinus Koch, Syst. baier. Zool., p. 282, 1816.

Type by taut., *Fringilla spinus* Linn.

This name antedates *Chrysomitris* Boie, 1828, by twelve years.

For Chrysomitris thibetana

read Spinus thibetana.

P. 172.

For (1097) *Passer domesticus confucius*

read (1097) *Passer domesticus nigricollis*.

Pyrgita nigricollis Burton, Cat. Birds Mus. Fort Pitt, Chatham, p. 23 1838: South India.

P. 179.

For (1104) *Passer montanus obscuratus*

read (1104) *Passer montanus tibetanus*.

Passer montanus tibetanus Stuart Baker, Bull. B. O. C., vol. xlvi, p. 93, 1925: Khambjong, Tibet.

The beautiful material brought home by Meinertzhagen shows that the Tree-Sparrow from Sikkim and South Tibet is bigger and paler than the Setchuan bird, *obscuratus*, and must be kept distinct.

P. 186.

(1110) **Montifringilla nivalis alpicola.**

The date of the reference should be "1811 to 1827."

P. 190.

Genus FRINGILLAUDA.

Hodgson's original spelling of the name was *Fringalanda*. This was corrected by him to *Fringillauda* in *errata* and must be accepted, but Blyth's further correction to *Fringillauda* has, of course, no standing.

P. 197.

Distribution. In second line, for "North-West" read "North-East."

P. 198.

Add (1119a) *Emberiza schoeniclus pyrrhuloides*.

THE CASPIAN REED-BUNTING.

Emberiza schoeniclus pyrrhuloides Hartert, Vög. Pal., vol. i, p. 198, 1904: Caspian Sea.

Description. A pale race with a comparatively large bill.

Distribution. Meinertzhagen obtained two ♂ specimens of this Bunting on the Woolar Lake, March 20th, 1926.

P. 200.

(1122) **Emberiza pusilla.**

The page of the reference should be 697, not 397.

P. 208.

For (1129) *Emberiza huttoni*

read (1129) *Emberiza buchanani*.

Emberiza buchanani Blyth, J. A. S. B., vol. xiii, p. 957, 1844 : Afghanistan.

In volume xviii, J. A. S. B., Blyth rejects the name *buchanani* on the grounds that he had given this name to a specimen of *hortulana*. In his own copy of vol. xviii of J. A. S. B. there is, however, a note in Blyth's handwriting to the effect that he had discovered later that he had made no mistake, and that therefore his original name of *buchanani* must stand. Blyth's copy of vol. xviii is in the library of Dr. C. B. Ticehurst.

P. 215.

For (1134) *Emberiza icterica*

read (1134) *Emberiza bruniceps*.

Emberiza bruniceps Brandt, Bull. Acad. Imp. Sci. St. Petersb., vol. ix, pl. i, p. 12, May 1841 : Turkestan.

Emberza icterica Eversmann, Add. Pall. Zoogr. Rosso-Asiat., was not published until 1842.

P. 228.

(1142) *Delichon urbica cashmeriensis*.

Ticehurst (Jour. Bomb. Nat. Hist. Soc., vol. xxii, p. 348) considers the Kashmir bird to be a good species, differentiated by the greater depth of the fork of the tail.

P. 230.

For (1144) *Delichon nepalensis*

read (1144) *Delichon nipalensis*.

Delichon nipalensis Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. i, pp. 154, 384, ex Hodgs., MS. : Nepal.

P. 233.

For (1146) *Riparia riparia subsoccata*

read (1146) *Riparia riparia indica*.

Riparia riparia indica Ticehurst, Ibis, 1916, p. 71 : Punjab.

Ticehurst draws my attention to the fact that the name *subsoccata* of Jerdon has been quoted in 1854 by Horsf. & Moore (Cat. Mus. E. I. Co., p. 96) as a synonym of *Riparia sinensis*, and cannot therefore be employed.

P. 235.

For (1148) *Riparia paludicola chinensis*

read (1148) *Riparia paludicola brevicaudata*.

Hirundo brevicaudata Horsf., P. Z. S., 1839, p. 156, 1840, ex McClelland MS. : Assam.

Hirundo chinensis Gray is preoccupied by *Hirundo sinensis* Gmelin, Syst. Nat., vol. i, p. 1021, 1781.

P. 236.

For Genus **PTYONOPROGNE**

read Genus **KRIMNOCHELIDON**.

Krimnochelidon Walden, Ibis, 1876, p. 356, ex Tickell MS.

Type by orig. desig., *Hirundo concolor* Sykes.

The name *Ptyonoprogne* is a composite, but the type was fixed by subsequent designation, Gray, as *Hirundo riparia*, and therefore became a synonym of *Hiparia*, and cannot be used for the Crag-Martins.

In consequence:—

- For (1149) **Ptyonoprogne rupestris**
 read (1149) **Krimnochelidon rupestris.**

P. 237.

- For (1150) **Ptyonoprogne concolor**
 read (1150) **Krimnochelidon concolor.**

P. 238.

- For (1151) **Ptyonoprogne obsoleta obsoleta**
 read (1151) **Krimnochelidon obsoleta pallida.**

Ptyonoprogne pallida Hume, Str. Feath., vol. i, p. 1, 1872 : Sind.

Good series examined by Ticehurst (Journ. Bomb. Nat. Hist. Soc., vol. xxxii, p. 348) show that our Indian Birds are distinctly paler than the African, and Hume's name must be accepted.

P. 243.

- (1155) **Hirundo javanica javanica.**

In the reference "Mus. Carl. iv" is a misprint for "Mus. Carl., ix."

Kloss considers this to be a race of *H. tahitica* Gmelin, Syst. Nat., vol. i, p. 1016, 1788 : Tahiti.

P. 248.

- (1159) **Hirundo daurica daurica.**

The page in the reference should be 528, not 582.

P. 252.

- For (1163) **Hirundo daurica rufula**
 read (1163) **Hirundo daurica temmincki.**

Hirundo temmincki Hume, Str. Feath., vol. v, p. 259, 1877.

Hume shows, in 'Stray Feathers,' that Temminck's name *rufula* cannot be used, but I, unfortunately, overlooked this article when writing vol. iii of the 'Avifauna.'

P. 261.

Owing to the uncertainty as to the status of *Motacilla alboides*, *Motacilla maderaspatensis* and *Motacilla leucopsis*, it seems preferable to retain all three as of specific rank. The name *lugubris* is preoccupied, and *yarrellii* is now the name for the English Pied Wagtail but, of the three names, *alboides*, *maderaspatensis* and

yarellii, the second is the oldest and would become the specific name should all three be relegated to the rank of subspecies of the same species. Retaining them as full species, the following corrections are necessary:—

Delete **Motacilla lugubris.**

P. 262.

For (1171) **Motacilla lugubris alboides**

read (1171) **Motacilla alboides.**

P. 263.

For (1172) **Motacilla lugubris maderaspatensis**

read (1172) **Motacilla maderaspatensis.**

P. 264.

For (1172) **Motacilla lugubris leucopsis**

read (1172) **Motacilla leucopsis.**

P. 270.

Add (1176 a) **Motacilla flava simillima.**

THE SHORT-TAILED GREY-HEADED WAGTAIL.

Motacilla flava simillima Hartert, Vög. Pal., vol. i, p. 89, 1903: Transbaikalia.

Description. Upper back and mantle more green and contrasting with the greyer rump and upper tail-coverts. The tail is comparatively short, not exceeding the wing in length.

Distribution. Breeding Eastern Siberia and Korea to Kamchatka, and Wintering in South China and the Malay Peninsula. Robinson shows that the form is not infrequently found in Burma during the Winter.

(1178) **Motacilla flava leucocephala.**

The first published reference is

Budytes leucocephala Przewalsky, Zapiska Imp. Acad. St. Petersb., vol. lv, p. 85, 1887: Altai.

P. 274.

Add (1182 a) **Motacilla citreola weræ.**

THE WESTERN YELLOW-HEADED WAGTAIL.

Motacilla citreola weræ Buturlin, Orn. Monatsb., vol. xvii, 1909, p. 197: Simbirsk, White Sea.

Description. Similar to *M. c. citreola* but smaller: wing 85 mm. and under, as against wing 85 mm. and over; the flanks are rather less grey.

Measurements. Wing 77 to 85 mm.

Distribution. Breeding South Russia to Turkestan. In Winter South to North-West and West India, where it is very common.

P. 276, lines 6 to 7 from bottom.

For "India, West of a line" read "India, East of a line."

P. 280.

Add **Anthus pratensis.**

Alauda pratensis Linn., Syst. Nat. 10th ed., vol. i, p. 166, 1758 : Sweden.

The typical form is not quite so dark or so densely streaked as that found in India.

(1185 a) **Anthus pratensis enigmatis.**

THE EASTERN MEADOW-PIPET.

Anthus pratensis enigmatis Zarudny, Orn. Monatsb., vol. xvii, p. 56, 1909 : Taschkent, Turkestan.

Description. Very similar to *Anthus trivialis*, but above more olive-brown and less sandy-brown, with the black central streaks more strongly developed on the feathers of the upper plumage; the streaks on the breast and flanks are also more numerous and darker; the buff on the breast less in area and in depth of colour.

Colours of soft parts as in *Anthus trivialis*, but the tarsi brown instead of fleshy.

Measurements. Wing 79 to 82 mm.; tail 58 to 63 mm.; tarsus about 20 to 22 mm.; culmen 11 to 12 mm.; hind claw about 10 to 14 mm. The hind claw is much longer and much straighter than in the Tree-Pipit.

Distribution. Central Asia and Western China. In Winter Persia and N.W. India. Magrath obtained several specimens at Bannu, and Whitehead also obtained them round Kohat.

P. 289.

For (1194) **Anthus richardi godlewskii**

read (1194) **Anthus richardi thermophilus.**

Corydalla (Anthus) thermophilus Jerdon, Birds of India, vol. ii, p. 133, ex Hodgs. MS., nom. nud., 1863.

This name antedates that of Taczanowski, having been quoted by Jerdon as a synonym of *Corydalla striolata*, and must be employed.

P. 294.

For (1199) *Anthus cervinus*

read (1199) *Anthus rufoocularis*.

Anthus rufoocularis Brehm, Lehrb. Natürg. Vög., vol. ii, p. 963, 1824: Nubia and sometimes Germany.

Anthus cervinus was not published until after 1827.

P. 297.

(1201) *Anthus spinolella coutelli*.

The first reference should be

Anthus coutelli Audouin, Descr. Egypte, Exp. Pls. Ois., pl. v, fig. 5, p. 281, 1826: Egypt.

P. 308.

Add (1206 a) *Otocoris penicillata diluta*.

THE PALE HORNED LARK.

Otocorys diluta Sharpe, Cat. Birds B. M., vol. xiii, p. 770, 1890.
(Correction for p. 533.)

Description. Similar to *albigula*, but much paler.

Distribution. Central Asia.

Meinertzhagen shot a male of this race, one of a large flock, at Leh, May 18th, 1926.

P. 311.

Add (1208 a) *Otocoris alpestris deosai*.

THE DEOSAI HORNED LARK

Otocoris alpestris deosai Meinertzhagen, Bull. B. O. C., vol. xxxvi, p. 84, 1926: Deosai Plain, Ladak.

Description. Similar to *O. o. longirostris*, but darker and browner.

Measurements. Wing, ♂, 127 to 131 mm.; culmen 18 to 20 mm.

Distribution. Breeding on the Deosai Plain, between 12,000 and 14,000 feet. Young were seen by Meinertzhagen well on the wing by the end of August.

Much additional material, obtained by Meinertzhagen, Whistler, Osmaston, and others, proves that in Ladak the breeding bird West of the Tao-kar, Tso Moriri and Panjong Lakes, except on the Deosai Plain, is *O. a. longirostris*. East of these lakes *O. a. elwesi* takes its place.

P. 311.

(1209) **Melanocorypha maxima.**

The first reference should be

Melanocorypha maxima Blyth, Ibis, 1867, p. 46, ex Gould MS.: Afghanistan.

P. 315.

For (1211) **Alauda arvensis dulcivox**read (1211) **Alauda arvensis cinerascens.***Alauda cinerascens* Ehmcke, Jour. für Orn., p. 313, 1904: Barnaul, in W. Siberia.*Alauda dulcivox* of Brooks, 1873, is preoccupied by *A. dulcivox* Horsf. & Moore, Cat. Birds Mus. E. I. Co., vol. ii, p. 466, 1852.

P. 318.

For (1219) **Alauda gulgula guttata**read (1219) **Alauda gulgula lhamarum.**

THE LADAK SKY-LARK.

Alauda arvensis lhamarum Meinertz., Bull. B. O. C., vol. lvi, p. 100, 1926 : Ladak.*Alauda guttata* Brooks, J. A. S. B., vol. xli, p. 87, 1872, is preoccupied by *Alauda guttata* Lafresnaye, Rev. Zool., 1839, p. 259, where the name is given to a West African Lark. There appears to be no other name applicable to this form of Sky-Lark, but in 1926 Meinertzhagen described a Lark under the name *lhamarum* from Ladak, which he considered differed from the Kashmir bird. The type is a carbonized specimen in immature plumage which differs in no single respect from many specimens of similar young birds from Kashmir, all having the pale-edged feathers to the crown typical of immature Larks. Under the circumstances the subspecific name of Meinertzhagen's bird will stand for this race.

P. 333.

(1228) **Alaudula rufescens seebohmi**Distribution. Add: Sirsa, Punjab (*Hume*), and Baluchistan (*Meinertzhagen*).Genus **MIRAFRA.**

In second line describing the genus, for "the wing has two primaries" read "the wing has ten primaries."

P. 347.

Add (1239 a) *Galerida cristata lynesi*
THE GILGIT CRESTED LARK.

Galerida cristata lynesi Whistler, Bull. B. O. C., vol. xl ix, p. 52,
1928 : Gilgit.

Description. Smaller and darker than *G. c. magna*, and differing from *G. c. chendoola* by its more cold grey tint.

Distribution. Resident in Gilgit and neighbouring valleys of the Indus and Hunza Valleys between 4,500 and 7000 feet. This is rather a doubtful subspecies.

P. 349.

Genus AMMONANES.

In lines 6 and 7 of description of genus, for the words "shorter than the first" read "shorter than the third."

P. 353.

For Genus PYRRHULAUADA
read Genus EREMOPTERIX.

Eremopterix Kaup, Das Thier., vol. ii, p. 139, 1836.

Type, *Fringilla otoleucus* Temm. = *E. leucotis* Stanl.

Eremopterix is a year earlier than *Pyrrhulauda* Swainson, 1837.

For (1245) *Pyrrhulauda grisea*
read (1245) *Eremopterix grisea grisea*.

Add (1245 a) *Eremopterix grisea siccata*.
THE SIND ASHY-CROWNED FINCH-LARK.

Pyrrhulauda grisea siccata Ticehurst, Bull. B. O. C. vol. xl v, March 1925 : Deesa, Rajputana.

Description. "The males are paler and greyer above; the females are greyer above and have the underparts whiter" (Ticehurst).

Distribution. Sind, Punjab, Rajputana, Gurgaon, Indore, Cutch, West United Provinces to Fategarh etc.

P. 355.

For *Pyrrhulauda frontalis*
read *Eremopterix albifrons*.

Coraphites albifrons Sundev., Cf. K. Vet.-Akad. Fürh. Stockh., vol. vii, pl. 5, p. 127, May-June 1850.

P. frontalis Bonaparte, Conspl. Av., was not published until later in 1850.

P. 355.

- For (1246) *Pyrrhulauda frontalis affinis*.
 read (1246) *Eremopterix albifrons affinis*.

P. 357.

Family ZOSTEROPIDÆ.

In the Bull. B.O.C., vol. xlvii, 1927, pp. 88-90, Ticehurst reviews this family. In the first place he changes the type-locality of *Z. palpebrosa*, as given by me, from Cuttack, Orissa, to Bengal, but without justification. In the early days of our occupation in India Orissa was one of the places where there were professional bird-catchers and skinners, so that Cuttack was a most likely place for Dussumier to have obtained his specimens of White-Eye. Moreover at that time Orissa formed part of Bengal. Pondicherry was probably the next most likely place. The type-locality must remain as designated by me—Cuttack, Orissa. Ticehurst's *mgiriensis* thus becomes a synonym of *palpebrosa*. On the other hand Ticehurst is correct in saying that the North-Western form of *Zosterops* can be separated by its paler, brighter colour, and his *Z. p. occidentis* will stand.

P. 360.

Add (1248 a) *Zosterops palpebrosa occidentis*.

THE NORTH-WEST WHITE-EYE.

Zosterops palpebrosa occidentis Ticehurst, Bull. B.O.C., vol. xlvii, pp. 80-89, 1927 : N.W. India, Simla.

Description. Brighter and yellower, less green above than *Z. p. palpebrosa*, and paler on the underparts.

Wing, ♂, 53 to 59 mm.; bill from base mostly 11.5 to 13 mm.

Distribution. N.W. Himalayas, North-West Frontier Provinces, Sind and Punjab.

Birds from the Central Provinces, South and Central Bombay Presidency, do not seem to me to be separable from the typical form.

P. 362.

- For (1251) *Zosterops palpebrosa nicobariensis*
 read (1251) *Zosterops palpebrosa nicobarica*.

P. 370.

- For (1258) *Chalcoparia singalensis lepida*
 read

(1258) *Chalcoparia singalensis rubinigentis*.

Stuart Baker, Fauna B. I., Birds, vol. vii, p. 282, March 1930.

Certhia lepida of Latham, 1790, is preoccupied by *Certhia lepida* Sparrman, 1787, a synonym of *Anthreptes malaccensis* Scop., so that a new name is necessary.

P. 373

(1259) *Chalcostetha chalcostetha*.

Kloss has pointed out to me that Jardine has already designated the type-locality as Java (Nat. Lib. Sunbirds, p. 274, 1843).

P. 396.

(1278) *Leptocoma asiatica asiatica*.

Distribution. Ceylon, South and Central to North-Eastern India, where it meets *L. a. intermedia*, whilst in Sind and the N.W. Province it is replaced by *L. a. brevirostris*.

P. 401.

For (1282) *Leptocoma ornata ornata*

read (1282) *Leptocoma pectoralis pectoralis*.

The name *pectoralis* of Horsfield, 1821, was discarded under the impression that it was preoccupied by *Cinnyris pectoralis* of Vieillot, 1819, but as Horsfield used the generic name *Nectarinia*, and the name *Leptocoma*, not *Cinnyris*, is the correct name for the genus, we may rightly reinstate *pectoralis*. Oberholser separates the Nicobar bird as *Leptocoma ornata procelia* (Proc. Wash. Acad., vol. xiii, p. 230).

P. 402.

For (1283) *Leptocoma ornata blanfordi*

read (1282) *Leptocoma pectoralis blanfordi*.

Add (1283a) *Leptocoma pectoralis procelia* Oberholser
Cinnyris ornata procelia Oberholser, Jour. Wash. Acad. Sci., vol. xiii
 (2), p. 230, June 1923 : Car Nicobar Is.

Description. "Similar to *L. o. blanfordi*, but smaller and with a smaller bill" (Oberholser).

Wing 49 mm.; culmen 16.5 mm.

Distribution. Car Nicobar Island only.

There are no examples of this race in the British Museum collection.

P. 406.

(1287) *Leptocoma zeylonica*.

The page number of Linn., 12th ed., should be 188, not 181.

P. 408.

Genus **ANTHREPTES**.

The reference should be

Anthreptes Swainson, Fauna Bor.-Amer., Birds, p. 495, 1831 = Feb.
 1832.

P. 408.

For *Anthreptes hypogrammica* S. Müller.read *Anthreptes nuchalis* Blyth.

P. 409.

Anthreptes nuchalis Blyth, J. A. S. B., vol. xii, p. 980, 1843 : Singapore; new name for *Anthreptes macularia* Blyth, J. A. S. B., vol. i, p. 106, 1842, *nom. nud.*

Robinson and Kloss revive the name *macularia*, claiming that the description "in plumage allied to the *Arachnothera*" is sufficient. With this I cannot agree.

For

(1288) *Anthreptes hypogrammica hypogrammica* S. Müller
read(1288) *Anthreptes nuchalis nuchalis* Blyth.

P. 411.

Anthreptes simplex.

The type-locality is Sumatra, *not* Borneo (Robinson, *Jour. Siam Nat. Hist. Soc.*, vol. v, p. 380).

P. 412.

For (1291) *Anthreptes simplex xanthochlora*read (1291) *Anthreptes simplex frontalis*.*Anthreptes frontalis* Blyth, J. A. S. B., vol. xiv, p. 558, 1845 : Singapore.

This name antedates *xanthochlora* Hume, 1875, by thirty years.

P. 429.

For *Dicæum minullum*read *Dicæum concolor*.*Dicæum concolor* Jerdon, *Madras Jour. Sci. Lit.*, vol. xi, p. 27, 1840 : Malabar Coast.

Dicæum minullum Swinhoe, 1870, is thirty years later and cannot, of course, be used as the specific name.

For (1304) *Dicæum minullum concolor*read (1304) *Dicæum concolor concolor*.

P. 430.

For (1305) *Dicæum minullum subflavum*read (1305) *Dicæum concolor subflavum*.For (1306) *Dicæum minullum olivaceum*read (1306) *Dicæum concolor olivaceum*.

P. 431.

- For (1307) *Dicæum minullum virescens*
 read (1307) *Dicæum concolor virescens.*

P. 435.

- For *Piprisoma squalidum*
 read *Piprisoma agile.*

Fringilla agilis Tickell, J. A. S. B., vol. i, p. 578, 1833 : Borabhum.

This name antedates *Pipra squalida* Burton, 1836.

- For (1311) *Piprisoma squalidum squalidum*
 read (1311) *Piprisoma agile agile.*

P. 436.

- For (1312) *Piprisoma squalidum modestum.*
 read (1312) *Piprisoma agile modestum.*

P. 437.

- For Genus **PRIONOCHILUS**
 read Genus **ANAIMOS.**

Anaimos, Reichenbach, Handb. spec. Orn., p. 245, 1853.

Type by mon., *Pardalotes thoracicus* Temm.

The generic name *Prionochilus* Strickland, 1841, is preoccupied by *Prionochilus* Chevrolet, Cat. Coleop. (Dejean), 3rd ed., p. 451, 1837.

- For (1313) *Prionochilus ignicapillus*
 read (1313) *Anaimos ignicapillus.*

P. 438.

- For (1314) *Prionochilus maculatus*
 read (1314) *Anaimos maculatus maculatus.*

Messrs. Robinson and Kloss have separated the Malayan form under the name *P. m. septentrionalis.*

P. 464.

- For (1330) *Corydon sumatranaus sumatranaus*
 read (1330) *Corydon corydon corydon.*

Eurylaimus corydon Temm. & Laug., Planch. Color. d'Oiseaux, pl. 297, April 1822.

Coracias sumatrana Raffles was not published until November 1822.

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P. 7.

(1337) *Picus squamatus squamatus*.

The correct reference is

Picus squamatus Gould, Cent. Hist. Birds, pl. xlviii, No. 51, before December 1830.

P. 8.

For (1338) *Picus squamatus flavirostris*read (1338) *Picus squamatus zarudnói*.*Gecinus zarudnói* Menzbier, Ibis, 1887, p. 301.*Gecinus flavirostris* Menzbier 1886, is preoccupied by *Picus flavirostris* Malherbe, 1830.

P. 9.

Picus vittatus.

Kloss (Ibis, 1926, pp. 684-89) gives reasons for considering *P. vittatus*, *P. viridanus* and *P. myrmecophaneus* to be separate species, principally on the grounds that there are no connecting links between the three, although he admits that the second is a perfectly intermediate bird between the first and third. As a matter of fact, there are in the British Museum series many birds which are difficult to assign to any one of the four races I have accepted, and a further careful re-examination of the very fine material available confirms my first impressions and the conclusion then arrived at, that all these forms can only be considered races of one species.

P. 10.

For (1339) *Picus vittatus myrmecophaneus*read (1339) *Picus vittatus xanthopygius*.*Brachylophus xanthopygius* Gray, Cat. Birds Nepal, p. 117, 1846, ex Hodges., Zool. Misc., 1844, p. 85. Cited as a synonym of *Gecinus striolatus*: Nepal.

P. 13.

For (1343) *Picus canus barbatus*read (13+3) *Picus canus sanguiniceps*.*Picus canus sanguiniceps* Stuart Baker, Bull. B. O. C., vol. xlvi, p. 76, 1926.*Picus barbatus* Gray, 1871, is preoccupied by *Picus barbatus* Wylkes, Encylop. Loudin, p. 401, 1825.

P. 24.

Chrysophlegma mentalis.

The date of reference should be 1825.

P. 25.

For ***Callolophus miniatus***read ***Callolophus mineaceus.****Picus mineaceus* Pennant, Ind. Zool., pl. 4, 1769 : India *in errore*, Java.*Miniatus* is a missprint for *mineaceus*.

P. 26.

For (1355) ***Callolophus miniatus malaccensis***read (1355) ***Callolophus mineaceus malaccensis.***

P. 28.

For (1357) ***Gecinulus viridis***read (1357) ***Gecinulus grantia viridis.***The bird must be considered a race of *Gecinulus grantia*, as it has been shown to intergrade with that form.

P. 30.

(1358) *Hypopicus hyperythrus hyperythrus.*

The correct reference is Gould, Century of Birds, pl. 1, fig. 1, 1862 : Himalayas ; restricted to Darjeeling, Hartert.

P. 31.

Add (1359 a) ***Hypopicus hyperythrus annamensis.****Dryobates hyperythrus annamensis* Kloss, Bull. B. O. C., vol. xlvi, p. 7, 1925 : South Annam.**Description.** Paler below than any other known form. Iris crimson, maxilla black, mandible greenish yellow ; feet pale leaden. Wing 125 mm.**Distribution.** Annam, Southern Shan States.

P. 37.

For ***Dryobates cathparius***read ***Dryobates cathpharius.***Similar corrections should be made on pp. 37-39 wherever the name *cathparius* has been used.

P. 39.

Dryobates macei.

Dryobates macei westermanni Blyth (*Ibis*, 1870, p. 163: N.W. Himalayas) has recently been resuscitated for the North-West Indian bird. On the material available, however, I cannot distinguish this race from the typical form.

P. 42.

For (1370) **Dryobates auriceps**

read (1370) **Dryobates brunnifrons.**

Picus brunnifrons Gould, *Century of Birds*, pl. lxii, ante April 6, 1831, probably January.

Picus auriceps Vigors was published in *P. Z. S.*, April 6, 1831, p. 44.

P. 43.

Dryobates analis.

The correct reference is Horsfield, *Zool. Res. in Java*, 1829, Gen. Cat. at end, ex Temm. MS.; new name for *D. minor* Horsfield, *Trans. Linn. Soc.*, vol. xiii, p. 177, 1821.

The name has been discarded, and said to be invalidated as a synonym of *D. minor* Linn. It was, however, because Horsfield discovered that his *P. minor* was not the same as *P. minor* of Linnæus that he gave it a new name. This name certainly stands.

P. 47.

(1375) *Leiopicus mahrattensis blanfordi.*

Ticehurst (*Bull. B.O.C.*, vol. xlviii, p. 93, 1928) points out that he considers that the N.W. Indian bird should be separated under the name of *L. aurocristatus* (Tickell, *J. A. S. B.*, vol. ii, p. 579, 1833: Borabhum) from *L. mahrattensis* of S. India, and adds that it cannot be distinguished from the Burmese bird. The specimens from Borabhum in Bengal are, however, nearer the typical form than to the Burmese. *Aurocristatus* is, therefore, merely a synonym of *mahrattensis*, and *blanfordi* must be accepted for the Northern Indian and Burmese birds until sufficient material is available to show whether these are separable from one another.

P. 48.

For ***Yungipicus hardwickii***

read ***Yungipicus nanus.***

Picus nanus Vigors, *P. Z. S.*, 1831, p. 172.

Type-locality, by sub. desig., Ticehurst & Whistler, Simla-Almora Hills

When working over these little Woodpeckers, I rejected Vigors' name *nanus* as, no locality being cited, it was impossible to say to what form it referred, the description applying equally well to some of the Malayan forms. Ticehurst has, however, shown that the great majority of Vigors' birds were described from the North-West Himalayas and has fixed the Simla-Almora districts as the type-locality. Accepting this, *nanus* antedates *hardwickii* of Jerdon, 1844, and becomes the specific name.

P. 49

For (1376) *Yungipicus hardwickii semicoronatus*
read (1376) *Yungipicus nanus semicoronatus.*

P. 50.

For (1377) *Yungipicus hardwickii mitchellii*
read (1377) *Yungipicus nanus nanus.*

Range. Add: Dharamsala, Subla Hills (*Whistler*).

P. 51.

For (1378) *Yungipicus hardwickii omissus*
read (1378) *Yungipicus nanus omissus.*

For (1379) *Yungipicus hardwickii canicapillus*
read (1379) *Yungipicus nanus canicapillus.*

P. 52.

For (1380) *Yungipicus hardwickii hardwickii*
read (1380) *Yungipicus nanus hardwickii.*

P. 53.

For (1381) *Yungipicus hardwickii brunneiceps*
read (1381) *Yungipicus nanus brunneiceps.*

P. 54.

For (1382) *Yungipicus hardwickii gymnophthalmos*
read (1382) *Yungipicus nanus gymnophthalmos.*

P. 58.

For (1385) *Miglyptes grammithorax*
read (1385) *Miglyptes tristis grammithorax.*

This Woodpecker must be considered to be merely a race of the following:—

Miglyptes tristis

Picus tristis, Horsf., Trans. Linn. Soc., vol. xiii, pt. i, p. 177, 1821.
Type-locality, Java.

P. 59.

For (1386) **Miglyptes tukki**

Read (1386) **Miglyptes tukki tukki**.

Other races of this Woodpecker have been named, and our Burmese bird must stand as above.

P. 62:

Micropternus burmanicus Hume, P. A. S. B., 1872, p. 70: North Pegu.

It has been suggested that this name antedates Kloss's name of *williamsoni*, but the birds of Northern Pegu are on the whole nearer *phaioceps*, and Hume's name seems to be a synonym of that race.

P. 65.

For (1392) **Micropternus brachyurus gularis**

read (1392) **Micropternus brachyurus jerdonii**.

Phaiopicos jerdonii Malherbe, Rev. Mag. Zool., 1849, p. 535: Indian Peninsula.

Picus gularis Jerdon is preoccupied by *Picus gularis* Wagler, Syst. Av., sp. no. 89.

Pp. 72-74.

For Genus **DINOPICUS**

read Genus **DINOPIUM**.

The alteration of the name of this genus from *Tiga* to *Dinopium* was made by the author only in reading the final proofs of vol. iv, and the printer's error was therefore passed uncorrected. The generic name should read *Dinopium* throughout these pages.

P. 87.

For Genus **THRIPONAX**

read Genus **MACROPICUS**.

Macropicus Malherbe, Monog. Picidæ, vol. i, p. liii, 1861, ex Bonaparte MS.

Type by mon., *Picus leucogaster* Valenciennes.

This name antedates *Thriponax* Cab. & Heine, 1864, by three years.

On pp. 88 to 91 substitute *Macropicus* for *Thriponax*.

P. 88.

For **Thripornax javanensis**
 read **Macropicus crawfurdi.**

It has been shown by Stresemann that *javanensis* cannot be employed, and that the specific name must be *crawfurdi*. The names of the three races will therefore be :—

(1412) **Macropicus crawfurdi leucogaster.**
Picus leucogaster Valenciennes, Dict. Sci. Nat., vol. xl, p. 178,
 1826.

Type-locality, Isles de Sonde.

P. 89.

(1413) **Macropicus crawfurdi crawfurdi.**
Picus crawfurdi Griffiths in Cuvier's Anim. Kingd., vol. ii, p. 518,
 1829, ex J. E. Gray MS.

Type-locality, Pegu.

P. 90.

For (1414) **Thripornax javanensis hodgsonii**
 read (1414) **Macropicus crawfurdi hodgsonii.**

P. 91.

For (b) **Thripornax hodgei**
 read (1415) **Macropicus hodgei.**

If our Indian and Burmese forms are held to be congeneric with the Palæarctic Great Black Woodpecker, the generic name would be *Dryocopus* Boie, Isis, 1826.

P. 92.

For Genus **PICUMNUS.**
 read Genus **VIVIA.**

Vivia Hodgs., J. A. S. B., vol. vi, p. 107, 1837.

Type by mon., *Vivia nepalensis* Hodgs.

The type of *Picumnus* is a small Brazilian bird, *Picumnus minutus* Linn., which is not congeneric with our Oriental birds. On pp. 92–94 the name *Vivia* should be substituted for *Picumnus*.

P. 115.

For (1435) *Chotorhea mystacophanes*
read

(1435) *Chotorhea mystacophanes mystacophanes*.

There is more than one geographical race of this Barbet.

P. 116.

(1436) *Cyanops asiatica asiatica*.

In the description, for "broad black band across vertex" read
"broad blue band across vertex."

P. 126.

Xantholæma hæmacephala.

The correct date of publication of Müller's *Natursyst.*, Anhang, is 1776.

The measurements in the Key to the Subspecies have been transposed, and they should read :

- | | |
|----------------------------------|---------------------------|
| A. Culmen, 15 mm. or under | <i>X. h. hæmacephala.</i> |
| B. Culmen, 16 mm. or over | <i>X. h. indica.</i> |

P. 131.

Genus INDICATOR.

The earliest reference is

Indicator Stephens, in Shaw's *Gen. Zool.*, vol. ix, pt. i, p. 181, 1815;
Vieillot's MS.

P. 135.

(1451) *Cuculus canorus canorus*.

In Distribution. For "Within the Arctic Circle" read "Without the Arctic Circle."

P. 175.

(1477) *Zanclostomus javanicus*.

Robinson & Kloss (*Jour. Fed. Malay States*, vol. x, p. 203, 1921) have separated the bird from Borneo to Siam and Burma as *Z. j. pallidus*.

P. 185.

Genus TACCOCUA.

The reference should read "p. 143, 1830."

(1486) *Taccocua leschenaulti leschenaulti*.

Distribution. Add: Ceylon, in the East and South-East.

P. 195.

(1495) *Centropus bengalensis bengalensis.*

Distribution. Add: A very rare resident in Ceylon. Butler obtained a skin from a dealer which had been procured in the N.W. Province (*Wait*).

P. 206.

For **Psittacula schisticeps**

read **Psittacula himalayana.**

Psittacus himalayanus Lesson, Voy. Ind.-Orient., Zool., p. 289, 1832 : Himalayas.

This name antedates *P. schisticeps* Hodgs., 1836, by four years.

For (1504) **Psittacula schisticeps schisticeps**

read (1504) **Psittacula himalayana himalayana.**

P. 208.

For (1505) **Psittacula schisticeps finschi**

read (1505) **Psittacula himalayana finschi.**

For (1506) **Psittacula columboides**

read (1506) **Psittacula melanorhyncha.**

Palæornis melanorhynchus Sykes, P. Z. S., July 1832, p. 97 : Western Ghauts.

This name antedates *P. columboides* Vigors, 1835.

P. 213.

For (1510) **Psittacula erythrogenys erythrogenys**

read (1510) **Psittacula nicobarica nicobarica.**

Palæornis nicobaricus Gould, Birds of Asia, pl. ix, 1857, *nom. nov.* : Nicobars.

Palæornis erythrogenys Blyth is preoccupied by Lesson, 1831 and 1844 : Bengal.

P. 214.

For (1511) **Psittacula erythrogenys tytleri**

read (1511) **Psittacula nicobarica tytleri.**

P. 215.

For **Psittinus incertus**read **Psittinus cyanurus.***Psittinus cyanurus* Forster, Indische Zool., p. 6, 1795 : India.This name antedates Shaw's *P. incertus*, 1807, *not* 1790.For (1512) **Psittinus incertus macropterus**read (1512) **Psittinus cyanurus macropterus.**

P. 241.

For **Genus BUCIA**read **Genus ALCEMEROPS.***Alcemerops* I. Geoffroy St. Hilaire, Nouv. Ann. Mus. Hist. Nat. Paris, vol. i, p. 395, 1832, pub. August 1833.Type by mon., *Merops amictus* Temm.

P. 242.

For (1529) **Bucia athertoni**read (1529) **Alecemerops athertoni.**

P. 243.

For (1530) **Bucia amicta**read (1530) **Alcemerops amictus.**

P. 246.

Ceryle rudis.The type-locality is Egypt, *not* Persia.

P. 251.

Alcedo atthis bengalensis.

Distribution. Ludlow obtained a specimen of this race at Gyantse at an elevation of 13,000 feet.

P. 254.

For (1536) **Alcedo meninting meninting**read (1536) **Alcedo meninting verreauxi.**

Kloss has informed me that the Javan typical form cannot be confounded with that from Sumatra, Borneo etc., North to Tenasserim, which must be given the above name of de la Berge, 1851 : Borneo.

P. 260.

Genus CEYX.

The correct reference is :

Lacépéde, Tabl. Oiseaux, p. 10, 1799.

P. 279.

For Genus CARCINEUTES

read Genus LACEDO.

Lacedo Reichenb., Handb. spec. Orn., Alced., p. 41, 1857.Type by orig. desig., *Dacelo pulchella*.*Lacedo* antedates *Carcineutes*, 1864, so must be employed so long as the distortion of prior names is admitted and the distortions accepted by the International Committee.

P. 280.

For (1562) *Carcineutes pulchella amabilis*read (1562) *Lacedo pulchella amabilis*.

P. 284.

(1563) *Dichoceros bicornis bicornis*.

Colours of soft parts. The iris is generally white in the female.

P. 286.

For Genus ANTHRACOCEROS

Read Genus HYDROCISSA.

Hydrocissa Bonaparte, Conspectus Avium, vol. i, p. 90, 1850.Type by mon., *Buceros monoceros* Shaw = *H. coronata* Boddaert.*Anthracobceros* Reich., 1849, is preoccupied by *Anthracobcerus* Agassiz, 1846, and cannot be employed.For (1564) *Anthracobceros coronatus*read (1564) *Hydrocissa coronata*.

P. 287.

For *Anthracobceros malabaricus*read *Hydrocissa malabarica*.

P. 288.

For (1565) *Anthracobceros malabaricus malabaricus*read (1565) *Hydrocissa malabarica malabarica*.

P. 289.

For (1566) *Anthracoceros malabaricus leucogaster*
 read (1566) *Hydrocissa malabarica leucogastra*.

P. 301.

For Genus **LOPHOCEROS**

read Genus **TOCKUS**.

Tockus Lesson, Traite d'Orn., p. 252, 1831.

Type by sub. desig., Gray, 1840, *B. erythrorhynchus* Briss.

Lophoceros Hempr. & Ehren. was not published until 1833.

For those who would separate the Indian birds generally from the African the name to be used is *Ocypterus* of Hume, Nests and Eggs, p. 113, 1873.

For (1575) *Lophoceros birostris*

read (1575) *Tockus birostris*.

P. 303.

For Genus **Lophoceros griseus**

read **Tockus griseus**.

For (1576) *Lophoceros griseus griseus*

read (1576) *Tockus griseus griseus*.

P. 304.

For (1577) *Lophoceros griseus gingalensis*

read (1577) *Tockus griseus gingalensis*.

P. 315.

For Genus **PYROTROGON**.

read Genus **HARPACTES**.

Harpactes Swainson, Zool. Illus., ser. 2, pl. 107, 1833.

Type by orig. desig., *Trogon fasciatus* Pennant.

The generic name *Harpactes* has generally been discarded as pre-occupied by Templeton, Zool. Jour., vol. v, p. 401. This work, however, was not published until December 1835, whereas Swainson's name was published in 1833, two years earlier, and must be accepted.

For **Pyrotrogon fasciatus**

read **Harpactes fasciatus**.

P. 316.

For (1584) *Pyrotrogon fasciatus fasciatus*read (1584) *Harpactes fasciatus fasciatus*.

Nidification. Wait obtained two half-addled, half-incubated eggs of this Trogon on the 28th March, 1928, "taken from a hole in a dead forest-tree on the edge of a rubber plantation near Ratnapura."

P. 317.

For (1585) *Pyrotrogon fasciatus malabaricus*read (1585) *Harpactes fasciatus malabaricus*.

P. 318.

For

(1586) *Pyrotrogon erythrocephalus erythrocephalus*

read

(1586) *Harpactes erythrocephalus erythrocephalus*.

P. 319.

For (1587) *Pyrotrogon duvauceli*read (1587) *Harpactes duvaucelii*.

P. 320.

For *Pyrotrogon oreskios*read *Harpactes oreskios*.

P. 321.

For (1588) *Pyrotrogon oreskios uniformis*read (1588) *Harpactes oreskios uniformis*.

P. 325.

Add (1589 a) *Micropus melba bakeri*.

THE INDIAN ALPINE SWIFT.

Apus melba bakeri Hartert, Nov. Zool., vol. xxxiv, p. 163, July 1928: Catton Estate, Ceylon.

Description. Smaller and darker than *M. m. melba*. Wing 190 to 195 mm.

Distribution. A resident breeding bird in the mountains and hills of Ceylon and Southern India.

P. 336.

For

Genus **TACHORNIS**.

read

Genus **CYPSIURUS**.*Cypsiurus* Lesson, Echo du Monde Savant, 1843, col. 134, 659.Type by mon., *Cypselus parva* Lieht.*Tachornis* cannot be used as the type of the genus is *T. phoenicobia*, which is not congeneric with our Indian Palm-Swiftlets.

P. 343.

(1605) **Hirundapus giganteus indicus**.**Distribution.** Add: Resident in the Hills, occasionally wandering over the whole of Ceylon (*Wait*).

P. 365.

For (1624) **Caprimulgus macrourus nepalensis**read (1624) **Caprimulgus macrourus hodgsoni**, nom. nov.*Caprimulgus nepalensis* Hartert is preoccupied by *C. nepalensis* Gray, Cat. Birds Nepal, p. 53, 1846, ex Hodgs., Misc., a *nom. nud.* cited as a synonym of *Caprimulgus macrourus albonotatus*.

P. 373.

Genus **LYNCORNIS**.The number of the plate in the reference should be xiv, *not* iv.

P. 386.

Add (1636 a) **Tyto alba stertens**.

THE INDIAN BARN-OWL.

Tyto alba stertens Hartert, Nov. Zool., vol. xxxv, p. 98, October 1829.**Description.** Paler generally than the Javan form, less rich ochraceous and rufous, and with smaller spots of black and white on the lower plumage.**Distribution.** As on p. 385, but not occurring in Southern Tenasserim Southwards.The trivial name of (1636) *Tyto alba javanica* should be "The Javan Barn Owl."

P. 390.

(1639) **Phodilus badius badius**.

The first reference is

Strix badius Horsf., Trans. Linn. Soc., 1821, p. 139: Java.

P. 392.

Genus ASIO.

The earliest reference to this genus is

Asio Brisson, Ornith., vol. i, p. 477, 1760.

P. 397.

(1644) *Strix aluco biddulphi*.

In reference after p. 423, add pl. xiv.

P. 401.

(1648) *Strix indranee maingayi*.

The pages in the reference should be 27-28, not 20.

P. 403.

For (1650) *Strix seloputo*read (1650) *Strix orientalis orientalis*.*Strix orientalis* Shaw, Zoology, vol. vii, pt. i, p. 257, 1809 :
China.

Ticehurst has pointed out to me that Shaw's name *S. orientalis* really refers to this Owl, and antedates Horsfield's name of *Strix seloputo*, 1821. The race *seloputo* is confined to Java.

P. 405.

(1651) *Strix butleri*.

Ticehurst has drawn my attention to the record of two other specimens of this Owl, obtained at Wadi Feiran in Palestine, in the Bombay Nat. Hist. Society's Journal, vol. xxxi, p. 54.

P. 412.

Genus BUBO.

The earliest reference is

Bubo Dumeril, Zool. Analyst, p. 34, 1906.

P. 419.

Delete *Huhua orientalis* and references.For (1664) *Huhua orientalis sumatrana*read (1664) *Huhua sumatrana sumatrana*.

Strix orientalis Horsf., 1822, is preoccupied by *Strix orientalis* Shaw (Shaw's 'Zoology,' vol. vii, pt. i, p. 257, 1809), which is the same as *Syrnium seloputo* Horsf., 1821.

P. 433.

The key to *Otus sunia* on p. 435 has been in part transferred to p. 433. Of *Otus scops* only the one race, *Otus scops pulchellus*, is found in India, and both *Otus rufipennis* and *Otus leggei* are races of *Otus sunia*.

(1677) *Otus scops pulchellus*.

Distribution. Ticehurst says this little Owl certainly breeds near Quetta in the Juniper forests on Ziarat.

P. 434.

For (1678) *Otus scops rufipennis*

read (1678) *Otus sunia rufipennis*.

For (1679) *Otus scops leggei*

read (1679) *Otus sunia leggei*.

P. 441.

Athene noctua.

The type-locality is Italy, *not* Sweden.

P. 445.

(1690) *Glaucidium cuculoides rufescens*.

Type-locality, Manipur.

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P. 26.

Genus GYPAËTUS.

The date of the reference should be 1784, *not* 1781.

P. 29.

(1717) *Gypaëtus barbatus altaicus*.

In the paragraph on *Nidification*, line 6, the Lingzi Plateau is described, by a slip, as being in Yarkand, whereas it is really in Ladak.

P. 31.

Genus FALCO.

The type of *Falco* was designated by Gray, 1840, as *Falco peregrinus* Tunstall, but as this species was not included in the 10th edition it cannot be accepted and, therefore, in 1886, the A. O. U. Check-List Committee designated *Falco subbuteo* Linn. as the type.

P. 39.

(1722) *Falco cherrug cherrug*.

The number of the plate in Hardwicke's Illus. Ind. Zool. is 25, not 26.

P. 41.

For (1723) *Falco cherrug milvipes*read (1723) *Falco cherrug hendersoni*.

Falco hendersoni Hume, Ibis, 1871, 407 : Sangu Pass, West Turkestan.

Hodgson's name *Milvipes* is a *nom. nud.*, and Gray cites it as a synonym (Birds of Nepal, p. 43, 1846) of *Falco cherrug*, so that it cannot be resuscitated for this species.

P. 47.

(1729) *Falco severus rufipedoides*.

Distribution. Add : Ceylon. There is a specimen of this race in the Colombo Museum obtained in the island (*Wait*).

P. 51.

(1733) *Microhierax fringillarius*.

The type-locality should be Sumatra, having been so designated by Hartert in 1902.

P. 64.

For (1743) *Cerchneis tinnunculus japonicus*read (1743) *Cerchneis tinnunculus japonensis*.

Falco tinnunculus japonicus Temm. & Schleg., 1844, is preoccupied by *Falco japonicus* Gmelin, Syst. Av., vol. i, pt. i, p. 257, 1788. In July 1929 I renamed this bird *C. t. manchuricus* but whilst vol. vii of the 'Avifauna' was in the Press, Ticehurst also noticed that *Falco japonicus* was preoccupied, and he accordingly named it *japonensis*. As his name was published prior to mine, it will stand. (Ticehurst, Bull. B. O. C., vol. 1, p. 10, Oct. 1929.)

P. 66.

(1745) *Cerchneis naumannii pekinensis*.

The page of the reference should be 442, not 422.

P. 77.

Genus *HIERAAËTUS*

An earlier reference is

Hiraaëtus Kaup, Class. Saug. & Vögel, p. 120, 1844.

P. 84.

For Genus **SPIZAËTUS**.read Genus **LIMNAËTOPS**, nom. nov.

The name *Spizaëtus* was first applied to an American species, *Falco ornatus* Daudin, which cannot be considered congeneric with our Indian birds. The next name available, *Limnaëtus* Vigors, 1830, is preoccupied by *Limnaëtus* Bowdich, Excurs. Madeira, p. 56, 1825. I accordingly propose the above new name for the species *Spizaëtus* with (*Falco*) *cirrhatus* *cirrhatus* Gmelin as type.

From p. 85 to p. 92 the names will therefore read as follows:

P. 85.

For (1756) *Spizaëtus cirrhatus cirrhatus*read (1756) *Limnaëtops cirrhatus cirrhatus*.

P. 86.

For (1757) *Spizaetus cirrhatus ceylanensis*read (1757) *Limnaëtops cirrhatus ceylanensis*.

P. 87.

For (1758) *Spizaëtus cirrhatus limnaëtus*read (1758) *Limnaëtops cirrhatus limnaëtus*.

P. 88.

For (1759) *Spizaëtus cirrhatus andamanensis*read (1759) *Limnaëtops cirrhatus andamanensis*.

P. 89.

For (1760) *Spizaëtus nipalensis nipalensis*read (1760) *Limnaëtops nipalensis nipalensis*.

P. 91.

For (1761) *Spizaëtus nipalensis fokiensis*read (1761) *Limnaëtops nipalensis fokiensis*.For (1762) *Spizaëtus nipalensis kelaarti*read (1762) *Limnaëtops nipalensis kelaarti*.

P. 92.

For (1763) *Spizaëtus alboniger*read (1763) *Limnaëtops alboniger alboniger*.

P. 95.

For Genus **SPILORNIS**.

read Genus **HÆMATORNIS**.

Hæmatornis Gould, Century of Birds, pl. i, 1831.

Type by orig. desig., *Hæmatornis undulatus* Gould = *Falco cheela* Latham.

The name *Hæmatornis* has generally been discarded on the supposition that it was first published on March 2nd, 1832 (Vigors, P.Z.S., 1831, p. 170). It first, however, appears as quoted above, and must therefore be employed. The generic name should therefore be altered throughout on pp. 95 to 103.

P. 98.

For (1766) **Spilornis cheela albidus**

read (1766) **Hæmatornis cheela minor**.

Spilornis minor Hume, Nests & Eggs Indian Birds, 1st ed., p. 42, 1873.

Type-locality now designated Raipur, South India.

Falco albidus Temm., 1824, is preoccupied by *Falco albidus* Gmelin, Syst. Nat., vol i, p. 267, 1788. The next name available is *Spilornis minor* Hume.

P. 103.

For (1773) **Spilornis elgini**

read (1773) **Hæmatornis elgini**.

Distribution. Andaman and Nicobar Islands.

P. 105.

(1774) **Butastur teesa**.

Distribution. Ludlow obtained a specimen of this Buzzard at Gyantse, Tibet, at an elevation of 13,000 feet.

P. 113.

(1779) **Haliaeetus leucoryphus**.

Distribution. Ludlow reports this Eagle to be common in Summer on the Hram-tso and Kalo-tso Lakes in Tibet, at 14,000 feet, and remarks that it is to be found, probably, on all those lakes which contain fish.

P. 116.

For (1782) **Ichthyophaga humilis humilis**

read (1782) **Ichthyophaga nanus nanus**.

Ichthyophaga nanus Blyth, J. A. S. B., vol. xi, p. 202 (p. 110, *nom. nnd.*), 1842 : Singapore.

This name antedates *humilis* Müller, 1845, by three years.

P. 117.

For (1783) *Ichthyophaga humilis plumbeus*Read (1783) *Ichthyophaga nanus plumbeus.*

P. 120.

Genus **MILVUS.**

An earlier reference is

Milvus Lacépède, Tabl. Oiseaux, p. 44, 1799.

P. 121, line 10.

For "generic differentiation" read "specific differentiation."

P. 125.

Elanus *cœruleus.*

Add to reference after "p. 503," pl. xv.

P. 136.

Genus **BUTEO.**

The correct reference is

Buteo Lacépède, Tabl. Oiseaux, p. 4, 1799.Type by taut., *Falco buteo* Linn.

P. 144.

Genus **ASTUR.**

The correct reference is

Astur Lacépède, Tabl. Oiseaux, p. 4, 1799.

P. 155.

For (1810) *Astur trivirgatus rufitinctus*read (1810) *Astur trivirgatus indicus.**Astur indicus* Pearson (? Hodgson), Bengal Sporting Mag., vol. vii, p. 177, October 1836: Nepal.This name antedates *Spizaëtus rufitinctus* McClell., 1839, by three years.

P. 184.

Genus **DENDROPHASSA.**

In working at the wing-formulæ of the Green Pigeons further examination has shown that exceptions to the formation of the third primary occur occasionally in nearly every genus and species, these being of normal shape with neither scallop nor expansion. Such specimens are to be found in the British Museum in *Dendrophassa vernans* (1), *D. pompadoura* (2), *D. bicincta* (2), as well as in some of the allied African Pigeons.

P. 185.

(1829) *Dendrophassa pompadoura pompadoura*.

In the reference page and date should be p. 775 (1789), *not* p. 755 (1788)

P. 186.

Add, after "Measurements":

Distribution. Ceylon.

P. 188.

(1832) *Dendrophassa pompadoura chloroptera*.

The date given in the reference, 1840, is a misprint for 1846.

P. 193.

(1836) *Dendrophassa bicincta prætermissa*.

After "Colours of soft parts," etc., add:

Distribution. Assam south of the Brahmapootra; Bengal, East of the Bay; all Burma.

P. 195.

(1837) *Dendrophassa vernans griseicapilla*.

After "The young male," etc., add:

Distribution. Tenasserim, Malay States to Sumatra and Borneo; Cochin China.

P. 200.

(1841) *Sphenocercus sphenurus sphenurus*.

An earlier reference is

Vinago sphenura Gould, Century of Birds, pl. lvii, 1831: Himalayas.

P. 202.

Genus **DUCULA**.

The first reference is

Ducula Hodgs., Asiat. Res., vol. xix, p. 160, after Sept. 1836.

Type by mon., *Ducula insignis* Hodgs.

P. 211.

(1850) *Myristicivora bicolor bicolor*.

The date of reference is 1786, *not* 1896.

P. 215.

Genus **CHALCOPHAPS**.

The first reference is

Chalcophaps Gould, Birds Austr., pl. xiii (vol. v, pl. 62), 1843.

Type by mon., *Columba chrysochlora* Wagler.

P. 231.

(1864) *Columba pulchricollis*.

Distribution. Inglis informs me, in *epistola*, that this Pigeon is found well into the Plains, and that he obtained two specimens at Gurumara in the Plains of the Dooars, one in 1909 and another in 1917.

P. 239.

(1870) *Streptopelia orientalis orientalis*.

In the paragraph on "Nidification," line 5, for *S. o. agricola* read *S. o. meena*.

P. 240.

(1871) *Streptopelia orientalis ferrago*.

Distribution. Inglis informs me that it is common in Winter as far East as Behar.

P. 241.

(1872) *Streptopelia orientalis meena*.

Distribution. Add: Ceylon, whence it is recorded by Wait.

P. 245.

(1876) *Streptopelia chinensis ceylonensis*.

Add: **Distribution.** Ceylon.

P. 246.

For (1877) *Streptopelia senegalensis cambaiensis*

read (1877) *Streptopelia senegalensis cambayensis*.

Gmelin's original spelling is according to the correction.

P. 255.

(1885) *Macropygia rufipennis*.

The type-locality has been given, by a *lapsus cal.*, as "Java" instead of "Nicobars."

P. 284.

(1898) *Pavo muticus*.

The page of reference to Linn. should be 268, *not* 272.

P. 307.

Genus **CATREUS**.

The page of reference should be 221, *not* 281.

P. 309.

For Genus **PUCRASIA**.

read Genus **CERIORNIS**.

Ceriornis Swains., Class. Birds, vol. ii, p. 341, 1837.

Type by mon., *Ceriornis macrolophus* Less.

The name *Ceriornis* antedates *Pucrasia* Gray, 1841, and must therefore be used for this genus.

P. 310.

For (1911) **Pucrasia macrolopha macrolopha**

read (1911) *Ceriornis macrolophus macrolophus*.

P. 312.

For (1912) **Pucrasia macrolopha biddulphi**

read (1912) *Ceriornis macrolophus biddulphi*.

For (1913) **Pucrasia macrolopha nipalensis**

read (1913) *Ceriornis macrolophus nipalensis*.

P. 313.

For (1914) **Pucrasia macrolopha castanea**

read (1914) *Ceriornis macrolophus castaneus*.

P. 316.

(1916) **Lophura rufa**.

The date of reference should be 1822, *not* 1882.

P. 318.

(1917) **Lophura diardi**.

The date given in the reference, 1886, is a misprint for 1856.

P. 333.

(1927) **Gennæus nycthemerus rufipes**.

The type-locality is Mojok, Ruby Mines District.

P. 374.

(1950) **Coturnix coturnix coturnix**.

Habits. Ludlow obtained this Quail at 12,000 feet near Gyantse, in Tibet. In June 1929 he shot one at 10,400 feet in the Nubra Valley and, he adds, heard them in the Shyok Valley between 9,500 and 10,000 feet.

P. 375.

(1952) *Coturnix coramandelica*.

Female. This may be distinguished from the female of the races of Common Quail by the absence of bars on the primaries.

P. 383.

(1957) *Cryptolectrus manipurensis manipurensis*.

The date of 'Stray Feathers,' vol. ix, is 1880, *not* 1889.

P. 397.

For (1968) *Tropicoperdix chloropus*Read (1968) *Tropicoperdix chloropus chloropus*.

As additional races of this Partridge have now been named, our bird must stand as above.

P. 399.

Genus **CALOPERDIX**.

The first reference is

Caloperdix Blyth, J. A. S. B., vol. xxvii, p. 193, note, 1861.

P. 400.

(1971) *Rhizothera longirostris longirostris*.

The first reference is

Perdix longirostris Temm., Cat. Syst. d'Orn., p. 158, 1807 : Sumatra.

P. 402.

(1972) *Alectoris græca chukar*.

The first reference is

Perdix chukar Griffith in Cuvier's Anim. Kingd., Birds, vol. iii, p. 54
(ex Gray MS.), Aug. 15th, 1829 : Nepal.

P. 442.

(1996) *Turnix suscitator leggei*.

In the reference the vol. of the B. O. C. should be xli, *not* xlvi.

P. 445.

(1997) *Turnix suscitator plumbipes*.

The first reference is

Hemipodius plumbipes Hodgs., Beng. Sport. Mag., 1837, p. 346 :
Nepal.

P. 448.

For (2000) *Turnix suscitator isabellinus* Stuart Baker.

read (2000) *Turnix suscitator bengalensis* Blyth.

Turnix bengalensis Blyth, Cat. Birds Mus. Asiat. Soc., p. 256, 1852 : Lower Bengal, vicinity of Calcutta.

Unfortunately, when reviewing this genus, both Robinson and I overlooked this name of Blyth, which undoubtedly refers to the Calcutta bird, and our name therefore becomes a synonym.

Blyth's description is ample : "Smaller and paler than the typical form found over the greater part of India."

VOL. VI.

P. 4.

(2006) *Rallus aquaticus indicus*.

The date of vol. xviii, J. A. S. B., is 1849, *not* 1840.

Distribution. There is a skin of a Rail attributed to this race in the Colombo Museum which was obtained in Ceylon.

P. 16.

(2014) *Rallina superciliaris superciliaris*.

The volume of Ann. Mag. Nat. Hist. is xvi, *not* vi.

P. 28.

(2026) *Gallinula chloropus indicus*.

Distribution. According to Kloss the Indian Moorhen is not found in the Malay States, though it occurs as far South and East as Bangkok in Siam.

P. 49.

Footnote. The date of the reference is, of course, 1928, *not* 1728.

P. 76.

For Family *ŒDICNEMIDÆ*

read Family *BURHINIDÆ*.

As the generic name *Burhinus*, 1811, antedates *Œdicnemus*, 1815, the family name must be changed accordingly.

P. 87.

(2052) *Cursorius coromandelicus*.

Chick in down. For description see Jour. Bomb. Nat. Hist. Soc., vol. xxxi, p. 376, 1926 (*Ticehurst*).

P. 99.

Add

(2059 a) *Stercorarius antarcticus antarcticus* Lesson.

THE ANTARCTIC SKUA.

Lestrus antarcticus Lesson, *Traité d'Orn.*, p. 616, 1831.

Description. General colour of whole plumage sooty-brown; the feathers on the crown, hind neck and upper back slightly tinged with rufous and with paler shaft-stripes; wings and tail almost black, but with pale shafts; the concealed basal portions of the primaries white.

Colours of soft parts. Iris dark brown; bill and legs black.

Measurements. Wing about 370 to 444 mm.; tail 149 to 155 mm.; culmen 45 to 57 mm.; tarsus 66 to 83 mm. Females are no smaller than the males.

Distribution. South Atlantic. There are two specimens in the Colombo Museum, taken one at Kalutara and one at Chilaw. These specimens were sent home to me to compare with those of this species in the British Museum.

(2059 b) *Stercorarius antarcticus maccormicki* Saunders.

THE VICTORIA-LAND SKUA.

Stercorarius maccormicki Saunders, Bull. B. O.C., vol. iii, p. xii, Dec. 1893: Victoria-Land.

Description. Much paler and more grey-brown than the preceding form; nape and neck much tinged with pale straw-yellow.

Colours of soft parts. Iris brown; bill brown; legs and feet black.

Measurements. Wing 383 to 410 mm.; tail 148 to 157 mm.; culmen 47 to 51 mm.; tarsus 62 to 68 mm.

Distribution. Victoria-Land to New Zealand (*Mathews*). A single immature specimen has occurred within our limits, obtained near Trincomalee, the skin of which is now in the Colombo Museum.

P. 101.

(2060) *Larus ichthyaetus*.

In the reference the date "1733" is a misprint for "1773."

P. 102.

For (2061) *Larus ridibundus*
 read (2061) *Larus ridibundus ridibundus*.

P. 104.

(2062) *Larus brunnicephalus*.

Distribution. Breeding Ladak and Tibet to North-West China, and extending in Winter to the plains of India, Burma, Siam and Malay States. It is common at this season as far south as Ceylon.

P. 106.

(2064) *Larus genei*.

Distribution. For "Corsican" Gulf read "Persian" Gulf.

P. 108.

(2065) *Larus fuscus taimyrensis*.

Distribution. Has occurred occasionally in Ceylon.

P. 131.

(2084) *Sterna hirundo tibetana*.

Distribution, 2nd line. For "Western" and Central India read "Eastern" and Central India.

P. 139.

(2091) *Sterna albifrons saundersi*.

Distribution. According to Wait this little Tern is not uncommon in Ceylon during the North-East Monsoon, but is not resident in the island and does not breed there.

P. 146.

(2097) *Anous stolidus pileatus*.

Distribution. Add: Mekran coast (Jour. Bomb. Nat. Hist. Soc. vol. xxxii, p. 88, 1928).

The name to the woodcut (fig. 25) should be *A. s. pileatus*, not *A. s. tenuirostris*.

P. 148.

For	Genus GYGIS.
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read	Genus LEUCANOUS.
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Leucanous Mathews, Birds of Austr., vol. ii, p. 432, 1912.

Type by orig. desig., *Gygis microrhyncha* Saunders.

Gygis Wagler, 1832, is invalidated by *Gyges* Bory de St. Vincent, 1825.

P. 148.

For **Gygis alba**
 read **Leucanous albus.**

For (2099) **Gygis alba monte**
 read (2099) **Leucanous albus monte.**

P. 158.

For **Genus EUPODA**
 read **Genus EUPODELLA.**

Eupodella Mathews, Birds of Austr., vol. iii, p. 83, 1913.

A new name for *Eupoda*, which is invalidated by *Eupodes* Koch, 1835 (Deutchl. Crust., vol. i, tab. 8).

For (2104) **Eupoda asiatica**
 read (2104) **Eupodella asiatica.**

P. 159.

For (2105) **Eupoda vereda**
 read (2105) **Eupodella vereda.**

P. 164.

For (2109) **Leucopolius peronii**
 read (2109) **Leucopolius peroni.**

P. 171.

(2115) **Charadrius dubius jerdoni.**

The date of the reference is 1880, *not* 1831.

P. 174.

(2117) **Cirrepedesmus mongolus atrifrons.**

Distribution. Add: Ceylon, to which island Wait says it is a plentiful migrant, many immature birds loitering behind when the older birds have left.

P. 175.

Genus PLUVIALIS.

The correct reference is

Pluvialis Brisson, Orn., vol. i, p. 46; vol. v, p. 42, 1760.

Type by taut., *Charadrius pluvialis* Linn.

P. 181.

Genus CHETTUSIA.

The reference should be

Chettusia Bonaparte, Icon. Fauna Ital., livr. 28, 1838.

P. 182.

(2122) Chettusia gregaria.

Distribution. Add: Ceylon, where, according to Wait, "a few birds come."

P. 184.

For (2124) *Hoplopterus ventralis*

read (2124) *Hoplopterus duvaucelii*.

Charadrius duvaucelii Lesson, Dict. Sci. Nat., vol. xlvi, p. 36, 1826
Calcutta.

This name antedates Wagler's *Charadrius ventralis*, 1827, and must therefore be used.

P. 186.

Genus LOBIVANELLUS.

An earlier reference is

Lobivanellus Gray, List Gen. Birds, 2nd ed., p. 84, Sept. 1841, ex Strickland MS.

The number of the P. Z. S. in which Strickland's name came out was not published until October 1841.

P. 191.

Genus MICROSARCOPS.

The date of vol. iv, Cat. Birds Brit. Mus., is 1896, not 1886.

P. 194.

Genus RECURVIROSTRA.

In the reference the page of Linnæus is given as "181" instead of "151."

P. 202.

For (2134) *Numenius arquata lineatus*

read (2134) *Numenius arquata orientalis*.

Numenius orientalis Brehm, Handb. Vög. Deutsch., p. 610, 1831: East Indies.

Cuvier's name *Numenius linentus* is, unfortunately, a *nom. nud.*, and cannot therefore be employed.

P. 211.

For

Genus XENUS

read

Genus TEREKIA.

Terekia Bonaparte, Comp. Geogr. List Birds Eur. & N. Amer.,
p. 52, 1838.

Type by mon., *Scolopax cinerea* Güldenstadt.

Xenus of Kaup, 1829, is invalidated by *Xenos* of Rossi, 1794, and we may therefore reinstate the generic name by which this Sandpiper has been known for so long.

P. 215.

(2143) *Tringa ochrophus*.

Nidification, 1st line. Read "Green Sandpiper" for "Marsh-Sandpiper."

P. 220.

(2146) *Tringa glareola*.

After description of Non-breeding plumage a page of MS. has been omitted. Insert following:—

Distribution. Breeding throughout Sub-Arctic and Northern Europe and Asia and wintering in Northern Africa, Southern India and China, through the Australasian islands to Australia.

Nidification. This charming little Sandpiper does not breed within our limits but is common in the Northern parts of Finland Eastwards, laying from the last few days of May until late June. The nest seems to be invariably made in forest which is marshy underfoot, the tops of some small tussock well above the surrounding swamp being selected as the site. The hollow, made apparently by the birds themselves, is well lined with birch-leaves and grass and is, generally, so well concealed that, unless the bird is flushed off the nest, it is almost impossible to locate, though the male bird trills lustily and constantly from a tree in the near neighbourhood. The eggs, always four in number, vary considerably. The ground-colour is a pale ochre-yellow, yellowish white or pale buff, very rarely a greenish or bluish grey. The markings consist of spots and small blotches of reddish brown, fairly numerous at the large end, sparse elsewhere. One hundred eggs average 38.3×26.4 mm.

Habits. This is the most common of all our Indian "Snippets," or small Sandpipers throughout the cold weather, the first arrivals appearing in the end of August and the numbers steadily increasing until the end of September. They may be found in flocks, large and small, pairs, or single birds in every marsh, pond, or lake-side, as well as on the rivers, though not so often on the last-named. They have a shrill little pipe in the cold weather, but when breeding the male has a beautiful trilling song. In flight etc. they much resemble the other small Indian Waders.

P. 231.

(2153) *Crocethia alba*.

The date of the reference is, of course, 1764, not 1864, as misprinted.

P. 236.

(2157) *Erolia subminuta*.

After "Siberia," in the reference, add "ii, p. 222."

P. 243.

Add (2161 a) *Caladris canutus canutus*.

THE KNOT.

Tringa canutus Linn., Syst. Nat., 10th ed., vol. i, p. 149, 1758 : Sweden.

Description. Similar to the Eastern Knot, but with a much smaller bill, culmen 30 to 37 mm. as against 39 to 47 mm. in that bird. The upper tail-coverts are white strongly barred with blackish, and the spots on the lower surface are larger and less well defined.

In Summer plumage the upper parts are far more rufescent.

Distribution. Breeding in the extreme North of Europe and ? Greenland. In Winter, South to Africa and South-Western Asia and all Southern Europe.

Habits. Very similar to the Eastern Knot. It has once been obtained by Meinertzhagen at Khushdil Khan, in Baluchistan, on March 26, and Wait considers a specimen, obtained in Ceylon and now in the Colombo Museum, to be of this race.

P. 282.

(2183) *Anhinga melanogaster*.

The status of this species is rather doubtful and it should probably be treated as a race of *A. rufa*.

P. 285.

(2184) *Sula leucogaster plotus*.

Distribution. Add: Several times recorded in Ceylon.

P. 296.

(2191) *Fregata andrewsi*.

Distribution. Twice recorded as occurring in Ceylon, both specimens being now in the Colombo Museum.

P. 300.

(2194) *Oceanites oceanicus oceanicus*.

Distribution. "There are two recently-obtained specimens in the Colombo Museum. Seen by a good many observers, including myself, near Colombo Harbour in recent years" (Wait).

P. 302.

Add **Oceanites homochroa.**

Chymochorea homochroa Coues, Proc. Acad. Nat. Sci. Philad., 1846:
Farralone Is., Pacific coast of N. America.

(2194a) **Oceanites homochroa socorrensis** Townsend.

Oceanites homochroa socorrensis Townsend, Pro. U.S. Nat. Mus.
vol. xiii, p. 131, 1890: Socorro.

Description. Whole plumage, with the exception of the parts noted, dark brown; crown, wing-quills and lower wing-coverts blacker; median and greater wing-coverts paler and more grey with still paler tips and edges, contrasting strongly with the very dark quills. One specimen from the Coronados Island, in the British Museum, has the upper tail-coverts much mixed with white.

Colours of soft parts. Legs and feet black.

Measurements. Wing 147 to 154 mm.; culmen 14 to 16 mm.
tarsus about 17 to 18 mm.

Distribution. Islands off California and Mexico. This form has once occurred in Ceylon (*Wait*), the specimen being sent to the British Museum for confirmation of identification.

P. 304.

(2196) **Puffinus tenuirostris hamiltoni.**

Distribution. The specimen obtained by Cumming near Omara, on the Mekran Coast, supposed to be of this species, is in the British Museum Collection, and proves to be *Puffinus tenuirostris tenuirostris* (see Ticehurst, Jour. Bomb. Nat. Hist. Soc., vol. xxxii, p. 89, 1928).

P. 314.

For Family IBIDIDÆ.

read Family PLEGADIDÆ.

As the scientific name *Ibis* is applicable to a species of Stork, it cannot be used for this family-name, and the oldest name, *Plegadis*, must be adopted instead.

P. 359.

(2232) **Butorides striatus spodiogaster.**

The correct reference is

Sharpe, Bull. B. O. C., vol. iii, p. xvii, 1894: Andamans.

P. 361.

Genus GORSAKIUS.

The correct reference is

Gorsakius Gray, Cat. Gen. Subgen. Birds, p. 14, April 9, 1855, ex
Bonaparte, Ann. Sci. Nat. Paris, ser. 4, vol. i, p. 141, 1854, *nom.
nud.*

P. 363.

(2235) *Gorsakius melanolophus minor*.

The trivial name should be "The Nicobar Bittern." The bird
does not occur, so far as is known at present, in any of the
Andaman Islands.

P. 366.

(2237) *Ixobrychus sinensis sinensis*.

Distribution. Livesey informs me that in the Shan States all
the small Bitterns appear to be migratory, arriving in the middle
of May to breed and leaving again for the lowest hills and plains
in September and October.

P. 369.

(2239) *Dupetor flavigollis flavigollis*.

Livesey describes the iris of the young bird as "pale yellowish
white with a dark umber-brown lateral streak through it."

P. 370.

Genus BOTAUERUS.

The type of the genus is, by sub. desig., Gray, List Gen. &
Subgen. Birds, 2nd ed., p. 60, 1840, *Ardea stellaris* Linn.

P. 375.

Phoenicopterus ruber antiquorum.

Habits. 1st paragraph, 4 lines from end. For "long necks"
read "long legs."

P. 392.

(2250) *Nettapus coromandelianus*.

Nidification. Livesey gives a remarkable account of this little
duck breeding in the Shan States. He writes, *in epistola*, as
follows: "About mid-June they begin to take little excursions
into the forest in small parties numbering three to seven or
more. The sexes are mixed together, and there seems to be no
rivalry or ill-feeling among the males. They all go and sit on
some dead tree in the forest, and then a lot of talking goes on,
while the females search about for holes in which to nest, looking
into any they may find, from 6 feet up to 70, in great trees. . . .
They are said to run a communal nest without any quarrelling or
signs of bad temper, and I have, myself, seen two females enter

the same nest-hole. The local people, who know well the bird and its habits, say that they lay a lot of eggs at the full-moon, and that they often get thirty or forty eggs from the same nest, and sometimes as many as ninety! They cannot explain how the young get down from the nest, but believe that they do so by themselves. They also have a belief that the ducks don't sit on the eggs, but that they hatch by themselves, and that when hatched the ducklings fend for themselves."

Another most interesting note on this little bird has been sent me by Mr. R. H. Riddell from Sylhet :—" I spotted a Cotton-Teal's nest, about 12-14 feet high, in a tree hanging over the road . . . ; eventually I saw the young being taken out. When the nest was started, the water in the swamp was up to the road, but when the young were hatched it was a good fifty yards off, having gone down during a stoppage in the Rains. I could not see what action went on in the nest but, to the best of my belief, both birds took part in the removal ; anyhow "he" or "she" appeared out of the nest with a youngster on the back, which "she" dumped in the water about five or ten yards from the edge and came back for another. In the meanwhile she left it behind to look after itself, which it seemed quite able to do, paddling and swimming about. I could not afford the time to wait and watch the performance and, when I returned about mid-day, there was no sign of them anywhere."

P. 395.

(2252) *Anser anser*.

Distribution. Add: Ceylon. A single specimen of this goose is in the Colombo Museum, which was one of three seen feeding in a rice-field near Kesbewa in March 1922.

Habits. Livesey found this goose feeding on mud-flats in Mesopotamia on which no vegetation was visible, but their stomachs were found to be full of fine shreds of young grass which was growing just below the surface of the mud.

P. 413.

(2261) *Dendrocygna fulva*.

Distribution. Occurs occasionally in Ceylon. "A few specimens were once obtained near Manaur ; there is one record from Balapitiya, and it is said to have been seen near Giant's Tank" (*Wait*).

There is now little doubt that the Whistling Teals moult all their wing-quills at once some time between the end of July and early September, during which time they keep to swamps and pools surrounded by dense cover in which they can hide. The quills, once shed, seem to grow again with great rapidity, and they are unable to fly for a very short time only.

P. 422.

(2265) *Anas pœcilorhyncha pœcilorhyncha*.

Distribution. Livesey records this duck as very common on most of the Kashmir lakes, associating often in quite large flocks during the non-breeding season.

Habits. This duck and its allied races all moult their wing-quills after breeding, and are unable to fly at all for some days.

(2266) *Anas pœcilorhyncha zonorhyncha*.

Distribution. Inglis obtained a quite typical specimen of this duck in Behar, an extraordinary extension of its range.

P. 424.

(2267) *Anas pœcilorhyncha haringtoni*.

Livesey writes that this Spotbill in the Shan States loses all its wing-quills simultaneously after the breeding season, though it will be very seldom seen in this condition, as it keeps closely to dense cover of reeds or bushes.

P. 429.

(2270) *Mareca penelope*.

Chick in down. Ticehurst points out that "the cinnamon face" distinguishes the chick of this species from that of all other ducks.

Distribution. A wing of a male Wigeon was sent to Wait in December 1927, taken from a bird shot on a lagoon a few miles from Jaffna, North Province, Ceylon.

P. 435.

(2272) *Nettion formosum*.

The specimen, recorded in vol. iv of the first edition of the 'Avifauna' as having been obtained in Sind, was shot by Col. Le Mesurier. It was painted by him, and was undoubtedly correctly identified.

P. 448.

(2278) *Netta rufina*.

In the reference the date should be 1773, *not* 1833.

P. 450.

Genus **NYROCA**.

The type should be:

Type by taut., *Anas nyroca* Güldenst.

P. 479, line 5. For "Hram-Tso Lake" read "Tso-La Lake."

P. 487.

Add (2293 a) *Colymbus stellatus*.

THE RED-THROATED DIVER.

Colymbus stellatus Pontoppidan, Danske Atlas, vol. 1, p. 621, 1763
 (Denmark, ex Willoughby, pl. 62).

Description.—**Adult in Summer.** Forehead, crown, sides of the head, chin, throat and sides of the neck ashy slate-grey, the feathers of the crown centred with black, not very pronounced; hind neck and extreme upper back blackish-grey, the centres of the feathers darkest and the margins white, giving a streaked appearance; on the upper-back the streaks disappear and become terminal spots on either web, while the general tint becomes a paler browner slate; on the centre of the back the spots disappear, again becoming rather more numerous on the rump and shorter upper tail-coverts; tail slaty-brown; wings slaty-brown, the tips of the primaries more grey; median coverts with small white spots at the tips of each web; greater and lesser coverts obsoletely spotted; a deep chestnut streak commencing in a point on the throat and broadening on the fore-neck, finally running up as a demi-collar on each side of the neck; lower plumage white; under tail-coverts much mixed with brown; axillaries with dark shafts and some of the lesser under wing-coverts marked with brown.

Colours of soft parts. Iris crimson-red; bill dark slaty-grey, tip paler and culmen almost black; legs and feet blackish, mottled with grey at the joints; webs paler suffused with fleshy.

Measurements. Wing, ♂ 276 to 310 mm., ♀ 257 to 308 mm.; tail 42 to 55 mm.; tarsus 67 to 78 mm.; culmen from nostril, ♂ 38 to 46 mm., ♀ 33 to 44 mm.

Winter plumage similar to the Summer, but without the red throat; the whole of the upper plumage profusely spotted with white; a faint white edging extending to the feathers of the crown, which are less black than in Summer plumage; sides of head below the eye and sides of neck pure white; sometimes a slight slaty-brown mottling on the sides of the breast.

Young are like the adult in Winter, but are browner and duller above and less conspicuously spotted, the spots being smaller, longer in shape and more grey than white; the sides of the head, neck and flanks are much spotted with slaty-brown.

Nestling. Dark mouse-brown, paler and whitish on lower parts.

Distribution. The Northern Palearctic Region from Greenland to Kamtschatka; in Winter South to Southern Europe, Northern China, Formosa etc. Once found within our limits on the Mekran coast.

Nidification. The Red-throated Diver breeds during late May and early June; a few pair in the most Northern latitudes, laying

up to the end of that month. The nest consists, sometimes merely of beaten-down grass and weeds, close to the water's edge, at other times of considerable masses of wet, muddy water-weeds. It is always placed close to water; in Scotland and in the Orkneys and Shetlands generally close to small pools on the higher ground; but in Finland we found them most commonly on small tussocks of grass forming tiny islands in the great lakes. The eggs, always two in number, are very long ovals in shape and, in colour, a dark brown, varying considerably in tint from olive to rich red-brown. Most eggs are sparingly spotted with black or deep brown; a few are richly marked, while still fewer are immaculate.

Habits. These Divers live almost exclusively on fish, in the catching of which they are wonderfully expert. They haunt the sea-coast in the winter, but in the breeding season keep more exclusively to inland waters. The cry is a very loud wailing croak, audible at a great distance. They rise with some difficulty from the water, but, when once well away, fly at a greater speed than their very small wings would appear capable of attaining.

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